

THE EXPERT'S VOICE® IN OPEN SOURCE

Covers
Python 3.1

Dive Into Python 3

*All you need to know to get off the ground
with Python 3*



Mark Pilgrim

Foreword by Jesse Noller

Apress®

Dive Into Python

Mark Pilgrim



Dive Into Python:

Dive Into Python Mark Pilgrim, 2013-11-09 Whether you're an experienced programmer looking to get into Python or a grizzled Python veteran who remembers the days when you had to import the string module *Dive Into Python* is your desert island Python book. Joey deVillia Slashdot contributor As a complete newbie to the language I constantly had those little thoughts like this is the way a programming language should be taught. Lasse Koskela JavaRanch Apress has been profuse in both its quantity and quality of releases and this book is surely worth adding to your technical reading budget for skills development. Blane Warren Technology Notes I am reading this because the language seems like a good way to accomplish programming tasks that don't require the low level bit handling power of C. Richard Bejtlich TaoSecurity Python is a new and innovative scripting language. It is set to replace Perl as the programming language of choice for shell scripters and for serious application developers who want a feature rich yet simple language to deploy their products. *Dive Into Python* is a hands on guide to the Python language. Each chapter starts with a real complete code sample proceeds to pick it apart and explain the pieces and then puts it all back together in a summary at the end. This is the perfect resource for you if you like to jump into languages fast and get going right away. If you're just starting to learn Python first pick up a copy of Magnus Lie Hetland's *Practical Python*.

Dive Into Python 3 Mark Pilgrim, 2012-05-19 Mark Pilgrim's *Dive Into Python 3* is a hands on guide to Python 3 the latest version of the Python language and its differences from Python 2. As in the original book *Dive Into Python* each chapter starts with a real complete code sample proceeds to pick it apart and explain the pieces and then puts it all back together in a summary at the end. *Dive Into Python 3* is a Python book for experienced programmers. Whether you're an experienced programmer looking to get into Python 3 or a grizzled Python veteran who remembers the days when you had to import the string module *Dive Into Python 3* is your desert island Python 3 book. If you've never programmed before Python 3 is an excellent language to learn modern programming techniques. But this book should not be your starting point. Get *How to Think Like a Computer Scientist: Learning with Python* by Allen Downey, Jeffrey Elkner, Chris Meyers and learn the basics. Then dive into this book. *Dive Into PYTHON 3* was written by Mark Pilgrim and this edition is distributed under the terms of the Creative Commons Attribution Share Alike License 3.0. Money raised from the sale of this book supports the development of free software and documentation. About the Author By day Mark Pilgrim is a developer advocate for open source and open standards. By night he is a husband and father who lives in North Carolina with his wife, his two sons and his big slobbery dog. He spends his copious free time sunbathing, skydiving and making up autobiographical information.

[ARC User](#), 2005

Programming with Python Tim Altom, 1999 This book offers practical applications and code to help users get up to speed with this innovative programming language. By providing recipes of Python programs and scripts users are able to get their programs running faster with less hassle. CD features Python code programs and full a text version of the book.

[Dive Into Python: Python from Novice to Pro](#) Mark Pilgrim, 2012-05-19 Whether you're an experienced

programmer looking to get into Python or a grizzled Python veteran who remembers the days when you had to import the string module Dive Into Python is your desert island Python book If you ve never programmed before Python is an excellent language to learn modern programming techniques This is a reprint of the original 2004 publication **Linux Journal**,2005 **Red HatRPM Guide** Eric Foster-Johnson,2002-12-01 RPM is the Linux industry standard for making application installation easy and its use is gaining mindshare amongst users and administrators of other Unix platforms Offers insight and examples to creating applications that rely upon or enhance RPM enabling users to package and deploy software in RPM format Discusses the use of RPM to manage software and examines the tools provided for user control Book will be technically reviewed by the key RPM programmer at Red Hat RED HAT PRESS TM Linux Solutions from the Experts at Red Hat Red Hat the world s leading Linux company presents a series of unrivaled guides that are reviewed and approved by the experts at Red Hat Each book is packed with invaluable tips and techniques that are ideal for everyone from beginning to advanced network and systems professionals as well as home and small businesses **Mobile Python** Jürgen Scheible,Ville Tuulos,2007-11-28 Mobile Python is the introduction of Python programming language to the mobile space This practical hands on book teaches readers how to realize their application ideas on the Symbian OS Programming on the Symbian mobile platform has been difficult and time consuming in the past This innovative new title will remedy this problem Chapters deal with topics that are based on Python S60 features and presented in an order that lets the user learn first the simple to code ones and then increasing in complexity **Machine Learning and Deep Learning Using Python and TensorFlow** Venkata Reddy Konasani,Shailendra Kadre,2021-04-29 Understand the principles and practices of machine learning and deep learning This hands on guide lays out machine learning and deep learning techniques and technologies in a style that is approachable using just the basic math required Written by a pair of experts in the field Machine Learning and Deep Learning Using Python and TensorFlow contains case studies in several industries including banking insurance e commerce retail and healthcare The book shows how to utilize machine learning and deep learning functions in today s smart devices and apps You will get download links for datasets code and sample projects referred to in the text Coverage includes Machine learning and deep learning concepts Python programming and statistics fundamentals Regression and logistic regression Decision trees Model selection and cross validation Cluster analysis Random forests and boosting Artificial neural networks TensorFlow and Keras Deep learning hyperparameters Convolutional neural networks Recurrent neural networks and long short term memory *Practical Development Environments* Matthew B. Doar,Matthew Doar,2005-09-23 Everyone wants a technical environment for developing their software Containing guidelines for how to create and maintain a development environment this book discusses some of the tools covering different areas such as version control build tools testing tools bug tracking systems documentation environments release tools and maintenance **Promoting Computer Literacy Through Programming Python** John Alexander Miller,2004 **UNIX: The Complete Reference, Second**

Edition Kenneth H. Rosen, Douglas A. Host, Rachel Klee, Richard R. Rosinski, 2007-01-09 The Definitive UNIX Resource Fully Updated Get cutting edge coverage of the newest releases of UNIX including Solaris 10 all Linux distributions HP UX AIX and FreeBSD from this thoroughly revised one stop resource for users at all experience levels Written by UNIX experts with many years of experience starting with Bell Laboratories UNIX The Complete Reference Second Edition provides step by step instructions on how to use UNIX and take advantage of its powerful tools and utilities Get up and running on UNIX quickly use the command shell and desktop and access the Internet and e mail You ll also learn to administer systems and networks develop applications and secure your UNIX environment Up to date chapters on UNIX desktops Samba Python Java Apache and UNIX Web development are included Install configure and maintain UNIX on your PC or workstation Work with files directories commands and the UNIX shell Create and modify text files using powerful text editors Use UNIX desktops including GNOME CDE and KDE as an end user or system administrator Use and manage e mail TCP IP networking and Internet services Protect and maintain the security of your UNIX system and network Share devices printers and files between Windows and UNIX systems Use powerful UNIX tools including awk sed and grep Develop your own shell Python and Perl scripts and Java C and C programs under UNIX Set up Apache Web servers and develop browser independent Web sites and applications

Dive Into Algorithms Bradford Tuckfield, 2021-01-25 Dive Into Algorithms is a broad introduction to algorithms using the Python Programming Language Dive Into Algorithms is a wide ranging Pythonic tour of many of the world s most interesting algorithms With little more than a bit of computer programming experience and basic high school math you ll explore standard computer science algorithms for searching sorting and optimization human based algorithms that help us determine how to catch a baseball or eat the right amount at a buffet and advanced algorithms like ones used in machine learning and artificial intelligence You ll even explore how ancient Egyptians and Russian peasants used algorithms to multiply numbers how the ancient Greeks used them to find greatest common divisors and how Japanese scholars in the age of samurai designed algorithms capable of generating magic squares You ll explore algorithms that are useful in pure mathematics and learn how mathematical ideas can improve algorithms You ll learn about an algorithm for generating continued fractions one for quick calculations of square roots and another for generating seemingly random sets of numbers You ll also learn how to Use algorithms to debug code maximize revenue schedule tasks and create decision trees Measure the efficiency and speed of algorithms Generate Voronoi diagrams for use in various geometric applications Use algorithms to build a simple chatbot win at board games or solve sudoku puzzles Write code for gradient ascent and descent algorithms that can find the maxima and minima of functions Use simulated annealing to perform global optimization Build a decision tree to predict happiness based on a person s characteristics Once you ve finished this book you ll understand how to code and implement important algorithms as well as how to measure and optimize their performance all while learning the nitty gritty details of today s most powerful algorithms

Dr. Dobb's Journal ,2002 **Optical Microlithography** ,2007

Web Programming George Kuriakose Thiruvathukal, John P. Shafae, Thomas W. Christopher, 2002 This book is aimed at the practicing programmer seeking to use Python and Linux to rapidly develop web and enterprise services Will be especially important to those involved in e commerce programming

Computational Methods in Science and Engineering George Maroulis, Theodore E. Simos, 2009-09-02 The aim of ICCMSE 2008 is to bring together computational scientists and engineers from several disciplines in order to share methods methodologies and ideas The potential readers are all the scientists with interest in Computational Mathematics Theoretical Physics Computational Physics Theoretical Chemistry Computational Chemistry Mathematical Chemistry Computational Engineering Computational Mechanics Computational Biology and Medicine Scientific Computation High Performance Computing Parallel and Distributed Computing Visualization Problem Solving Environments Software Tools Advanced Numerical Algorithms Modelling and Simulation of Complex Systems Web based Simulation and Computing Grid based Simulation and Computing Computational Grids and Computer Science

The Art of Software Security Testing Chris Wysopal, 2007 This book delivers in depth up to date battle tested techniques for anticipating and identifying software security problems before the bad guys do book cover

The Journal of the Bombay Natural History Society Bombay Natural History Society, 1906

TechTV Leo Laporte's 2003 Technology Almanac Leo Laporte, Laura Burstein, 2003 As co host of TechTV's hit show The Screen Savers Leo Laporte's high energy wit wisdom and style makes learning about technology easy and fun TechTV Leo Laporte's 2003 Technology Almanac a follow up to the smash hit Poor Leo's 2002 Computer Almanac includes All New content It's a one of a kind resource for every day of the year with advice tips and secrets about today's most popular technology topics In this edition you'll find An entire page dedicated to each day of the year Essential tips for mastering Windows Mac and Linux Coverage of computers MP3 players cell phones Pocket PCs networks and more Essays and anecdotes that will enlighten and inform Technology history milestones matched to each day of the year Unbelievable assortment of I didn't know that facts and figures New glossary with Leo fied definitions for all key terms Black Book section with useful company contact information

The Top Books of the Year Dive Into Python The year 2023 has witnessed a noteworthy surge in literary brilliance, with numerous captivating novels captivating the hearts of readers worldwide. Lets delve into the realm of bestselling books, exploring the engaging narratives that have enthralled audiences this year. Dive Into Python : Colleen Hoover's "It Ends with Us" This poignant tale of love, loss, and resilience has captivated readers with its raw and emotional exploration of domestic abuse. Hoover expertly weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can triumph. Dive Into Python : Taylor Jenkins Reids "The Seven Husbands of Evelyn Hugo" This captivating historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reids absorbing storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery. Dive Into Python : Delia Owens "Where the Crawdads Sing" This mesmerizing coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens spins a tale of resilience, survival, and the transformative power of nature, captivating readers with its evocative prose and mesmerizing setting. These top-selling novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of compelling stories waiting to be discovered. The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts. The Secret History is a brilliant and thrilling novel that will keep you wondering until the very end. The novel is a warning tale about the dangers of obsession and the power of evil.

https://matrix.jamesarcher.co/public/book-search/Download_PDFS/fundamentals_of_corporate_finance_7th_edition_solutions_.pdf

Table of Contents Dive Into Python

1. Understanding the eBook Dive Into Python
 - The Rise of Digital Reading Dive Into Python
 - Advantages of eBooks Over Traditional Books
2. Identifying Dive Into Python
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Dive Into Python
 - User-Friendly Interface
4. Exploring eBook Recommendations from Dive Into Python
 - Personalized Recommendations
 - Dive Into Python User Reviews and Ratings
 - Dive Into Python and Bestseller Lists
5. Accessing Dive Into Python Free and Paid eBooks
 - Dive Into Python Public Domain eBooks
 - Dive Into Python eBook Subscription Services
 - Dive Into Python Budget-Friendly Options
6. Navigating Dive Into Python eBook Formats
 - ePub, PDF, MOBI, and More
 - Dive Into Python Compatibility with Devices
 - Dive Into Python Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Dive Into Python
 - Highlighting and Note-Taking Dive Into Python
 - Interactive Elements Dive Into Python
8. Staying Engaged with Dive Into Python

- Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Dive Into Python
9. Balancing eBooks and Physical Books Dive Into Python
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Dive Into Python
 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
 11. Cultivating a Reading Routine Dive Into Python
 - Setting Reading Goals Dive Into Python
 - Carving Out Dedicated Reading Time
 12. Sourcing Reliable Information of Dive Into Python
 - Fact-Checking eBook Content of Dive Into Python
 - Distinguishing Credible Sources
 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

Dive Into Python Introduction

In the digital age, access to information has become easier than ever before. The ability to download Dive Into Python has revolutionized the way we consume written content. Whether you are a student looking for course material, an avid reader searching for your next favorite book, or a professional seeking research papers, the option to download Dive Into Python has opened up a world of possibilities. Downloading Dive Into Python provides numerous advantages over physical copies of books and documents. Firstly, it is incredibly convenient. Gone are the days of carrying around heavy textbooks or bulky folders filled with papers. With the click of a button, you can gain immediate access to valuable resources on any device. This

convenience allows for efficient studying, researching, and reading on the go. Moreover, the cost-effective nature of downloading Dive Into Python has democratized knowledge. Traditional books and academic journals can be expensive, making it difficult for individuals with limited financial resources to access information. By offering free PDF downloads, publishers and authors are enabling a wider audience to benefit from their work. This inclusivity promotes equal opportunities for learning and personal growth. There are numerous websites and platforms where individuals can download Dive Into Python. These websites range from academic databases offering research papers and journals to online libraries with an expansive collection of books from various genres. Many authors and publishers also upload their work to specific websites, granting readers access to their content without any charge. These platforms not only provide access to existing literature but also serve as an excellent platform for undiscovered authors to share their work with the world. However, it is essential to be cautious while downloading Dive Into Python. Some websites may offer pirated or illegally obtained copies of copyrighted material. Engaging in such activities not only violates copyright laws but also undermines the efforts of authors, publishers, and researchers. To ensure ethical downloading, it is advisable to utilize reputable websites that prioritize the legal distribution of content. When downloading Dive Into Python, users should also consider the potential security risks associated with online platforms. Malicious actors may exploit vulnerabilities in unprotected websites to distribute malware or steal personal information. To protect themselves, individuals should ensure their devices have reliable antivirus software installed and validate the legitimacy of the websites they are downloading from. In conclusion, the ability to download Dive Into Python has transformed the way we access information. With the convenience, cost-effectiveness, and accessibility it offers, free PDF downloads have become a popular choice for students, researchers, and book lovers worldwide. However, it is crucial to engage in ethical downloading practices and prioritize personal security when utilizing online platforms. By doing so, individuals can make the most of the vast array of free PDF resources available and embark on a journey of continuous learning and intellectual growth.

FAQs About Dive Into Python Books

1. Where can I buy Dive Into Python books? Bookstores: Physical bookstores like Barnes & Noble, Waterstones, and independent local stores. Online Retailers: Amazon, Book Depository, and various online bookstores offer a wide range of books in physical and digital formats.
2. What are the different book formats available? Hardcover: Sturdy and durable, usually more expensive. Paperback: Cheaper, lighter, and more portable than hardcovers. E-books: Digital books available for e-readers like Kindle or

- software like Apple Books, Kindle, and Google Play Books.
3. How do I choose a Dive Into Python book to read? Genres: Consider the genre you enjoy (fiction, non-fiction, mystery, sci-fi, etc.). Recommendations: Ask friends, join book clubs, or explore online reviews and recommendations. Author: If you like a particular author, you might enjoy more of their work.
 4. How do I take care of Dive Into Python books? Storage: Keep them away from direct sunlight and in a dry environment. Handling: Avoid folding pages, use bookmarks, and handle them with clean hands. Cleaning: Gently dust the covers and pages occasionally.
 5. Can I borrow books without buying them? Public Libraries: Local libraries offer a wide range of books for borrowing. Book Swaps: Community book exchanges or online platforms where people exchange books.
 6. How can I track my reading progress or manage my book collection? Book Tracking Apps: Goodreads, LibraryThing, and Book Catalogue are popular apps for tracking your reading progress and managing book collections. Spreadsheets: You can create your own spreadsheet to track books read, ratings, and other details.
 7. What are Dive Into Python audiobooks, and where can I find them? Audiobooks: Audio recordings of books, perfect for listening while commuting or multitasking. Platforms: Audible, LibriVox, and Google Play Books offer a wide selection of audiobooks.
 8. How do I support authors or the book industry? Buy Books: Purchase books from authors or independent bookstores. Reviews: Leave reviews on platforms like Goodreads or Amazon. Promotion: Share your favorite books on social media or recommend them to friends.
 9. Are there book clubs or reading communities I can join? Local Clubs: Check for local book clubs in libraries or community centers. Online Communities: Platforms like Goodreads have virtual book clubs and discussion groups.
 10. Can I read Dive Into Python books for free? Public Domain Books: Many classic books are available for free as they're in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

Find Dive Into Python :

fundamentals of corporate finance 7th edition solutions

fundamentals of heat and mass transfer 7th edition solutions incropera

fundamentals of data structures in c solution

fundamentals of differential equations and boundary value problems 6th edition by naglesaffsniderinternational edition

gas variables pogil activities answer billgore

ge bdd relay manual

gali satta chart satta king

francese per principianti esercizi

french comprehension passages with questions and answers

futurism

fundamentals engineering economics 2nd edition solution manual

fundamental of digital computer

gcse mathematics 8300 new practice paper set 2 paper 2h

funny jokes joke buddha

fundamentals of structural analysis 2nd edition solutions

Dive Into Python :

Valero Operator Battery Test : r/oilandgasworkers I have been selected to the take the battery/aptitude test for Refinery Operator Trainee at Valero Refinery and was curious if anyone has any ... Valero Assessment Test - Practice, Prep and Advice Mechanical Aptitude: Valero is assessing your basic knowledge of mechanics so that they can see if you have a basic fit for the position you are applying for ... Valero Aptitude Online Assessment Test (2023 Guide) Mechanical aptitude tests test your knowledge of mechanical principles and can be very demanding. The company will need to know if you understand basic ... Valero Assessment Test Online Preparation - 2023 Prepare for Valero's hiring process, refinery operator aptitude test, application process and interview questions. Valero Assessment Test Questions And Answers These assessments tend to take 2-3 hours, and their sole purpose is to solve a set of technical problems that you will encounter on a 'typical day on the job.' ... Valero Trainee Assessment May 26, 2012 — It's a test looking for inconsistent responses and measures personality traits and assesses risk. Save Share. Reply ... Valero Process Operator Interview Questions Completed a 20 question assessment of basic mechanics. Interview with two Valero employees. Introduction and brief overview of your resume. Asked the HR ... Valero Refinery Operator Assessment Test Pdf Valero Refinery Operator Assessment Test Pdf. INTRODUCTION Valero Refinery Operator Assessment Test Pdf (PDF) SHELL ONLINE ASSESSMENT BATTERY PREPARATION ... This test measures employee characteristics that relate to effectively operating a machine and responding to instrument feedback within controlled limits. I have a 2001 Daewoo Lanos. The engine revs is too fast. It Feb 22, 2008 — The first thing to do is to disconnect the idle air control valve. This is located on the side of the throttle body (where the throttle cable ... Daewoo Lanos Idle Rev issue Apr 1, 2010 — The car is a W reg. The problem is that the revs idle at around 1k, she says that when she

is driving she can hear the revs going high even ... Daewoo Lanos high Idle speed Hi. My Daewoo Lanos is having a problem with its idle speed being too high. At a standstill it idles at about 1600rpm, and can be a bit embarrassing SOLVED: My daewoo lanos 1999 wont idle at the lights it Feb 23, 2011 — Remove the idle air control motor (IAC) and clean it well and the hole it comes out of with throttle body spray cleaner, or carburetor cleaner ... Daewoo Lanos Stalls: causes and solutions Hello, I have a Lanos and its problem is that it is always powerless and tends to stall. When turning the air conditioning on, this failure is even more ... Rough Idle: Hi Again Everyone, My Lanos ... May 21, 2009 — Hi Again everyone, my lanos idles very rough, doesn't stall, seems to lack power when driving, recently replaced plugs, leads, air filter ... My 2001 Daewoo has a rough idle after. Dec 30, 2012 — It shakes and studders a lot. Sometimes the car stalls and I have to press the gas pedal in order for the car to keep running. After it warms up ... my 2001 daewoo lanos keeps dying when i come to a stop Jun 2, 2014 — I have Daewoo lanos 16v it can't start plugs firering timing is good i spre yqikstart meas start fluid nothing happen it doesn't have camshaft ... Daewoo Matiz Idle Woes - YouTube Daewoo Lanos Idle Air Control Valve Order Daewoo Lanos Idle Air Control Valve online today. Free Same Day Store Pickup. Check out free battery charging and engine diagnostic testing while you ... June 2015 (v3) MS - Paper 4 CIE Geography IGCSE Gas leaks due to poor pipes. Open fires for cooking. Lack of regulations to prevent fire. Flooding: Houses often built on floodplain / lowland / near river ... geography p1 2015 memorandum This memorandum consists of 13 pages. Page 2. Geography/P1. 2. DBE/2015. SCE - Memorandum. G10 Exam May - GEOGRAPHY FOR 2023 & BEYOND IGCSE Geography Revision Sessions Feb -Apr 2023. In the lead-up to the examinations, your teacher will run a series of after school revision sessions focusing ... [UPDATED] IGCSE Past Year Papers (2023) Geography (0460)/2015 May June/. [UPDATED] IGCSE Past Year Exam Papers (2023) with marking scheme and specimen papers up to 2025. Subject available: English ... Geography (2015) Jun 17, 2019 — As you may know, on the morning of 14 June, we confirmed that blacked out images of two exam questions from our A level Maths Paper 3 on ... Edexcel GCSE Geography Past Papers Here you will find Edexcel GCSE Geography Past Papers and exam solutions. Use the Edexcel Geography past papers as part of your revision. AQA GCSE Geography Case study guide and revision materials. Paper 1: Living with the physical environment (1 hour 30mins). Tuesday 21 st. The Fabric of Peace in Africa: Looking beyond the State