

## PYTHON LAB MANUAL

**1a)** Write a python program to find the best of two test average marks out of three test's marks accepted from the user.

```
print("Enter the three internals marks:")
m1 = int(input("Enter marks1:"))
m2 = int(input("Enter marks2:"))
m3 = int(input("Enter marks3:"))
print("Marks1:", m1)
print("Marks2:", m2)
print("Marks3:", m3)
small=m1
if small > m2:
    small = m2
if small > m3:
    small = m3
avg=(m1+m2+m3-small)/2;
print("Average of best two test out of three test is",avg)
```

**1b)** Develop a Python program to check whether a given number is palindrome or not and also count the number of occurrences of each digit in the input number.

```
rev = 0
num = int(input("Enter the number:"))

temp = num
n=str(temp)

while num > 0:
    digit = num%10
    rev = rev*10+digit
    num //= 10

print("Given Number is", temp)
print("Reversed Number is", rev)

if temp == rev:
    print(temp, "is a Palindrome")
```

# Novel Python Programming Manual

**Karin Nielsen-Saines**



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## **Table of Contents Novel Python Programming Manual**

1. Understanding the eBook Novel Python Programming Manual
  - The Rise of Digital Reading Novel Python Programming Manual
  - Advantages of eBooks Over Traditional Books
2. Identifying Novel Python Programming Manual
  - 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 Novel Python Programming Manual
  - User-Friendly Interface
4. Exploring eBook Recommendations from Novel Python Programming Manual
  - Personalized Recommendations
  - Novel Python Programming Manual User Reviews and Ratings
  - Novel Python Programming Manual and Bestseller Lists
5. Accessing Novel Python Programming Manual Free and Paid eBooks

- Novel Python Programming Manual Public Domain eBooks
  - Novel Python Programming Manual eBook Subscription Services
  - Novel Python Programming Manual Budget-Friendly Options
6. Navigating Novel Python Programming Manual eBook Formats
    - ePub, PDF, MOBI, and More
    - Novel Python Programming Manual Compatibility with Devices
    - Novel Python Programming Manual Enhanced eBook Features
  7. Enhancing Your Reading Experience
    - Adjustable Fonts and Text Sizes of Novel Python Programming Manual
    - Highlighting and Note-Taking Novel Python Programming Manual
    - Interactive Elements Novel Python Programming Manual
  8. Staying Engaged with Novel Python Programming Manual
    - Joining Online Reading Communities
    - Participating in Virtual Book Clubs
    - Following Authors and Publishers Novel Python Programming Manual
  9. Balancing eBooks and Physical Books Novel Python Programming Manual
    - Benefits of a Digital Library
    - Creating a Diverse Reading Collection Novel Python Programming Manual
  10. Overcoming Reading Challenges
    - Dealing with Digital Eye Strain
    - Minimizing Distractions
    - Managing Screen Time
  11. Cultivating a Reading Routine Novel Python Programming Manual
    - Setting Reading Goals Novel Python Programming Manual
    - Carving Out Dedicated Reading Time
  12. Sourcing Reliable Information of Novel Python Programming Manual
    - Fact-Checking eBook Content of Novel Python Programming Manual
    - 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

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