

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")
```

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Target UsersThe book designed for a variety of target audiences The most suitable users would include Newbies in computer programming and Python Programming Professionals in computer programming and software applications development Professors lecturers or tutors who are looking to find better ways to explain the content to their students in the simplest and easiest way Students and academicians especially those focusing on computer programming and software development

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