Program 1

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

test1 = int(input("Enter marks of Test 1: "))

test2 = int(input("Enter marks of Test 2: "))

test3 = int(input("Enter marks of Test 3: "))

Worst\_score = min(test1, test2, test3)

best\_average = (test1 + test2 + test3 - Worst\_score) / 2

print("Best average of two tests: ", best\_average)

1. 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.

num = int(input("Enter number:"))

temp=num

rev=0

while(num>0):

dig = num % 10

rev = rev\*10 + dig

num = num//10

if(temp==rev):

print(f"The number {temp} is a palindrome!")

else:

print(f"The number {temp} isn't a palindrome!")

digit\_counts = {}

for digit in str(temp):

if digit in digit\_counts:

digit\_counts[digit] += 1

else:

digit\_counts[digit] = 1

print("Digit counts in", temp, ":")

for digit, count in digit\_counts.items():

print(digit, ":", count)