Program 1

BCS358D

Calculation of Test Average:

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

```
m1 = int(input("Enter marks for test1 : "))

m2 = int(input("Enter marks for test2 : "))

m3 = int(input("Enter marks for test3 : "))



best_of_two = sorted([m1, m2, m3], reverse=True)[:2]

average_best_of_two = sum(best_of_two)/2



print("Average of best two test marks out of three test's marks is", average_best_of_two);
```

Palindrome Check & Digit Occurrence Count

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 = input("Enter a value : ")

if num == num[::-1]:

    print("Palindrome")

else:

    print("Not Palindrome")

for i in range(10):

    if num.count(str(i)) > 0:

        print(f'{str(i)} appears {num.count(str(i))} times')
```