1.a) 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 the marks in the first test: "))
m2 = int(input("Enter the marks in the second test: "))
m3 = int(input("Enter the marks in the third test: "))
 if m1<=m2 and m1<=m3: # m1 is smaller
      total=m2+m3
 elif m2<=m1 and m2<=m3: # m2 is smaller
      total=m1+m3
 else:                    # m3 is smaller
      total =m1+m2

avg = total / 2
print("The average of the best two test marks is:", avg)
```

Output:
```
 Enter the marks in the first test: 2
 Enter the marks in the second test: 5
 Enter the marks in the third test: 5
The average of the best two test marks is: 5.0
```

b) **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.**

```
val = input("Enter numbers only  : ")
if val == val[::-1]:
    print("Palindrome")
else:
    print("Not Palindrome")

 for i in range(10):
    if val.count(str(i)) > 0:
       print(str(i),"appears", val.count(str(i)), "times")
```

Output:
```
 Enter a value: 1441
 Palindrome
 1 appears 2 times
 4 appears 2 times
```