**Python codes**

**1.Reverse a given string without using built-in reverse functions**

s=input("Enter a string: ")

reversed\_str=""

for char in s:

reversed\_str=char+reversed\_str

print("Reversed string:",reversed\_str)

**2.count the frequency of each character in a string**

a=input("Enter a string: ")

freq={}

for ch in s:

freq[ch]=freq.get(ch,0)+1

for key,value in freq.items():

print(f"'{key}':{value}")

**3.check if a string is a palindrome**

a=input("Enter a string: ")

b=a[::-1]

if a==b:

print("palindrome")

else:

print("not palindrome")

**4.Remove all spaces from a given string**

s=input("Enter a string: ")

no\_spaces=s.replace(" ", "")

print("print string without spaces:",no\_spaces)

**5.count the number of vowels and consonants in a string**

a=input("Enter a string: ")

vowels="aeiouAEIOU"

vowel\_count=0

consonant\_count=0

for ch in a:

if ch.isalpha():

if ch in vowels:

vowel\_count+=1

else:

constant\_count+=1

print("vowels:",vowel\_count)

print("consonants:",consonant\_count)