1.PALINDROME:

string=input("enter a string:")

if (string==string[::-1]):

print("you entered a palindrome")

else:

print("you entered is not a palindrome")

Output:

enter a string:malayalam

you entered a palindrome

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2.REVERSE THE STRING:

my\_string=str(input("Enter a string:"))

str=""

for i in my\_string:

str=i+str

print("Reversed string:",str)

Output:

Enter a string:snake

Reversed string: ekans

3.LENGTH OF THE STRING:

string=str(input("Enter a string:"))

count=0

for i in string:

count=count+1

print("Length of the string is:")

print(count)

Output:

Enter a string:rainbow

Length of the string is:

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4.REPLACE VOWELS WITH @

str=input(“enter a string:”)

char=input(“enter a character:”)

newstr =””

for i in range(len(str)):

if str[i]==”a” or str[i]==”e” or str[i]==”I” or str[i]==”o” or str[i]==”u”:

newstr = newstr + char

else:

newstr=newsts+str[i]

print(“\n original string:”,str)

print(“New String:”,newstr)

Output:

enter a string:snake

enter a character:@

Original String: snake

New String: sn@k@