**EXNO:6 PYTHON PROGRAM TO CHECK WHETHER THE INPUT STRING IS PALINDROME**

**DATE:25/1/23**

**PROGRAM:**

def palindrome(s):

str=""

for i in s:

str=i+str

return str

s=str(input("enter the character"))

print("the original string is:",end="")

print(s)

print("the palindrome string(using loops)is:",end="")

print(palindrome(s))

**OUTPUT:**

enter the charactermalayalam

the original string is:malayalam

the palindrome string(using loops)is:malayalam

**EXNO:6 REVERSE THE STRING**

**DATE:25/01/23**

**PROGRAM:**

def reverse(s):

str=""

for i in s:

str=i+str

return str

s=str(input("enter the character:"))

print("the original string is:",end="")

print(s)

print("the reversed string(using loops)is:",end="")

print(reverse(s))

**OUTPUT:**

enter the character:good morning

the original string is:good morning

the reversed string(using loops)is:gninrom doog

**EX NO:6 FIND THE LENGTH OF THE STRING**

**DATE:25/01/23**

**PROGRAM:**

def findlen(str):

counter=0

for i in str:

counter+=1

return counter

str=str(input("enter the character:"))

print(findlen(str))

**OUTPUT:**

enter the character:good morning

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**EXNO:6 WRITE A PROGRAM THAT ACCEPTS A STRING FROM THE DISPLAY THE DATE:25/01/23 STRING AFTER REPLACING THE VOWEL CHARACTER WITH @**

**PROGRAM:**

str=str(input("enter the character"))

newstr=""

for ch in str:

lch=ch.lower()

if lch=='a'\

or lch=='e'\

or lch=='i'\

or lch=='o'\

or lch=='u':

newstr+='@'

else:

newstr+=ch

print(newstr,end="")

**OUTPUT:**

enter the characterengineering

@ng@n@@r@ng

enter the charactercollege

c@ll@g@