RECORD-6

1.THE STRING IS PALINDROME OR NOT

INPUT:

string1=list(input("enter the elements:"))

print("string1",string1)

string2=sting1.copy()

print("copied of string2",string2)

string1.reverse()

print("reversed:",string1)

if(string1==string2):

print("palindrome")

else:

print(" is not palindrome")

OUTPUT:

enter the elements:RACECAR

string1 ['R', 'A', 'C', 'E', 'C', 'A', 'R']

palindrome

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2.REVERSING THE STRING

INPUT:

S="TECV OT EMOCLEW"

print(S[::-1])

OUTPUT:

WELCOME TO VCET

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3. CALCULATE THE LENGTH OF STRING

INPUT:

string="rajaseeman"

print(len(string))

OUTPUT:

10

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4.REPLACING THE VOWELS IN THE STRING

INPUT:

str1=input("Enter the string : ")

vowel=['a','e','i','o','u','A','E','I','O','U']

for i in str1:

if i in vowel:

i="@"

print(i,end="")

else:

print(i,end="")

OUTPUT:

Enter the string : Engineering college

@ng@n@@r@ng c@ll@g@

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