1.FUNCTIONS OF STRING

INPUT

name=("prajvin")

print(name.upper())

print(name.lower())

name2=("sharan")

print(name+name2)

print(name.capitalize())

print(len(name))

print(name.title())

print(name.swapcase())

OUTPUT

PRAJVIN

prajvin

prajvinsharan

Prajvin

7

Prajvin

PRAJVIN

2.PALLINDROME

INPUT

def isPalindrome(s):

return s == s[::-1]

s = "malayalam"

ans = isPalindrome(s)

if ans:

print("Yes")

else:

print("No")

OUTPUT

yes

3.REVERSING A STRING

INPUT

def Reverse(lst):

new\_lst = lst[::-1]

return new\_lst

lst = [10, 11, 12, 13, 14, 15]

print(Reverse(lst))

OUTPUT

[15, 14, 13, 12, 11, 10]

4.FINDING LENGTH OF STRING

input1=input("enter a string")

print(len(input1))

output

7

PROGRAM FOR REPLACING VOWELS WITH @

def replaceVowelsWithK(test\_str, K):

vowels\_list = ['A', 'E', 'I', 'O', 'U', 'a', 'e', 'i', 'o', 'u']

new\_string = []

string\_list = list(test\_str)

for char in string\_list:

for char2 in vowels\_list:

if char == char2:

new\_string.append(K)

break

else:

new\_string.append(char)

return(''.join(new\_string))

input\_str = "spiderman"

K = "@"

print("Given String:", input\_str)

print("Given Specified Character:", K)

# printing output

print("After replacing vowels with the specified character:",

replaceVowelsWithK(input\_str, K))

OUTPUT

Given String: spiderman

Given Specified Character: @

After replacing vowels with the specified character: sp@d@rm@n