1. Accept a file name from user and print extension of that.

Hint: split()

|  |
| --- |
| a=input("Enter a String : ")  b=a.split(".")  print(b[1]) |

2. Create a single string separated with space from two strings by swapping the character at position

Eg: Str1 = ‘Python’

Str2 = ‘Programming’

Output = ‘Prthon Pyogramming’

|  |
| --- |
| str1=input("Enter a String : ")  str2=input("Enter another String : ")  print (str1)  print (str2)  output=str1[0]+str2[1]+str1[1:len(str1)]+" "+str2[0]+str1[1]+str2[1:len(str2)]  # output=str1.replace(str1[1],str2[1],1) +" "+ str2.replace(str2[1],str1[1],1)  print(output) |

3.Display a given string by exchanging first and last characters.

Eg: Input – Python

Output – nythoP

|  |
| --- |
| str1=input("Enter a String : ")  n=len(str1)  #output=str1[n-1]+str1[1:n-1]+str1[0]  output=str1[-1:]+str1[1:-1]+str1[0]  print(output) |

4. Write a program that removes the n th index character from a string

Eg: Input – Python

Index position – 3

Output – Pyhon

|  |
| --- |
| str1=input("Enter a String : ")  n=int(input("Enter Index : "))  output=str1[0:n-1]+str1[n:]  print(output) |

5. Accept a string a display in uppercase and lowercase.

|  |
| --- |
| a=input("Enter a String : ");  print ("Uppercase : "+a.upper());  print ("LowerCase : "+a.lower()); |

6. Explain String slicing with suitable examples

|  |
| --- |
|  |
|  |
|  |