1. Write a python program for the following: – Input the string “Python” as a list of characters from console, delete at least 2 characters, reverse the resultant string and print it.
Sample input:python
• Sample output: • ntyp

```
[13] string = input("Read an input string: ")
     for i in range(2):
         string = string.replace(string[-2], "")
     print(string[::-1])
```

```
Read an input string: python
ntyp
```

2. Take two numbers from user and perform at least 4 arithmetic operations on them.

```
FirstNumber = float(input("Enter first number:"))
SecondNumber =float(input("Enter second number:"))
print("addition of two given numbers:", FirstNumber + SecondNumber)
print("Subtraction of two given numbers:", FirstNumber - SecondNumber)
print("Multiplication of two given numbers:", FirstNumber * SecondNumber)
print("Division of two given numbers:", FirstNumber/SecondNumber)
```

```
Enter first number:3
Enter second number:5
addition of two given numbers: 8.0
Subtraction of two given numbers: -2.0
Multiplication of two given numbers: 15.0
Division of two given numbers: 0.6
```

3. Write a program that accepts a sentence and replace each occurrence of ‘python’ with ‘pythons’.

• Sample input: I love playing with python

• Sample output: I love playing with pythons

```
[15] string = input("Enter a String: ")
     string = string.replace("python", "pythons")
     print(string)

     Enter a String: i like python
     i like pythons
```

4. Use the if statement conditions to write a program to print the letter grade based on an input classscore. Use the grading scheme we are using in this class.

```
[14] marks = float(input("Enter your percentage:"))
     if marks >= 90:
         print("Your grade is 'A'")
     elif marks >= 80:
         print("Your grade is 'B'")
     elif marks >= 70:
         print("Your grade is 'C'")
     elif marks >= 60:
         print("Your grade is 'D'")
     else:
         print("Your grade is 'F'")

     Enter your percentage:75
     Your grade is 'C'
```