ASSIGNMENT 1
Name: Kartik Anumolu
Student ID: 700758573

Video Link:

https://drive.google.com/file/d/1T3yyVgKmjQR8UHeBoeFc4uu3A6iBJ6i_/view?usp=drive_link

GitHub Link : https://github.com/kartikanumolu1/Assignment-1.git

Question-1 output:

```
In [1]: input_string = input("Enter a string: ")
        char_list = list(input_string)
        del char_list[3:-1]
        reversed_list = char_list[::-1]
        result_string = ''.join(reversed_list)
        print(result_string)

        Enter a string: python
        ntyp
```

```
In [2]: a = int(input())
        b = int(input())

        add = a + b
        sub = a - b
        mul = a * b
        if b != 0:
            div = a // b
        else:
            div = "undefined (cannot divide by zero)"

        print(f"sum {a} and {b} is: {add}")
        print(f"difference of {a} and {b} is: {sub}")
        print(f"product of {a} and {b} is: {mul}")
        print(f"div of {a} by {b} is: {div}")

        6
        3
        sum 6 and 3 is: 9
        difference of 6 and 3 is: 3
        product of 6 and 3 is: 18
        div of 6 by 3 is: 2
```

Question-2 output:

```
In [5]: sentence = input("Enter a sentence: ")
        modified_sentence = sentence.replace('python', 'pythons')
        print(modified_sentence)

        Enter a sentence: i love python
        i love pythons
```

Question-3 output:

```
In [4]: c_s = float(input("Enter the class score: "))

        A_score = 90
        B_score = 80
        C_score = 70
        D_score = 60

        if c_s >= A_score:
            grade = 'A'
        elif c_s >= B_score:
            grade = 'B'
        elif c_s >= C_score:
            grade = 'C'
        elif c_s >= D_score:
            grade = 'D'
        else:
            grade = 'F'

        print("Letter Grade:", grade)

        Enter the class score: 87
        Letter Grade: B
```