

Ques1.

Write a Python program to add two numbers using class and object. (Take both numbers as input from the user)

```
In [1]: class add:

    def sum(self, a, b):  #function to add two numbers
        s = a + b
        return s         #return the value

a = int(input("Enter first number:"))
b = int(input("Enter second number:"))

obj = add()
s = obj.sum(a, b)

print("Sum is:", s)
```

```
Enter first number:34
Enter second number:89
Sum is: 123
```

Ques2.

Define a function swap that should swap two values and print the swapped variables outside the swap function.

```
In [2]: def swap(a, b):      #function to swap two numbers
        t = a
        a = b
        b = t
        return a, b

a = float(input("Enter the first number: "))
b = float(input("Enter the second number: "))

a, b = swap(a, b)      #calling the function

print("Swapped value of x is %d & y is %d" %(a,b))      #printing the output
```

```
Enter the first number: 56
Enter the second number: 23
Swapped value of x is 23 & y is 56
```