

Write a Python program to add two numbers using class and object.

(Take both numbers as input from the user)

```
In [1]: class addition:

        def __init__(self,a,b):
            self.a=a
            self.b=b

        def add(self):
            print("{}+{}={}".format(self.a,self.b,self.a+self.b))

num1=int(input("Enter num1 :"))
num2=int(input("Enter num2 :"))
obj=addition(num1,num2)

obj.add()
```

```
Enter num1 :10
Enter num2 :20
10+20=30
```

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

```
In [9]: a=10
        b=20
```

```
def swap():  
    global a,b  
    a,b= b,a  
  
print("Value of a before swap:",a)  
print("Value of b before swap:",b)  
swap()  
print("Value of a after swap:",a)  
print("Value of b after swap:",b)
```

```
Value of a before swap: 10  
Value of b before swap: 20  
Value of a after swap: 20  
Value of b after swap: 10
```

In []: