

Assignment 3 | 20th January 2021

Question 1

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

```
Ans: num1 = 10
      num2 = 20
      sum = num1 + num2
      print("Sum of {0} and {1} is {2}" .format(num1, num2, sum))
```

Output:

Sum of 10 and 20 is 30

Question 2

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

Ans: #include <stdio.h>

```
void swap(int *xp, int *yp)
{
    int temp = *xp;
    *xp = *yp;
    *yp = temp;
}

int main()
{
```

```
int x, y;  
printf("Enter Value of x ");  
scanf("%d", &x);  
printf("\nEnter Value of y ");  
scanf("%d", &y);  
swap(&x, &y);  
printf("\nAfter Swapping: x = %d, y = %d", x, y);  
return 0;  
}
```

Output:

Enter Value of x 12

Enter Value of y 14

After Swapping: x = 14, y = 12

