

DAILY ONLINE ACTIVITIES SUMMARY

Date:	22/06/2020	Name:	Chethana j
Sem & Sec	6 th A	USN:	4al17cs022
Online Test Summary			
Subject			
Max. Marks		Score	
Certification Course Summary			
Pre placement training	9:00 am to 11:00 am - Programming in C++ 11:00 am to 1:00pm - Programming in C++		
Faculty	Ms.Shilpa, Ms.Ankitha Shetty	Duration	4hrs.
Coding Challenges			
Problem Statement: 1. Write a C program to swap 2 numbers using Pointers and Function concept. .			
Status: Completed			
Uploaded the report in Github		yes	
If yes Repository name		https://github.com/Jchethana1990/online-course https://github.com/Jchethana1990/Machine-learning-workshop	
Uploaded the report in slack		yes	

Training snapshot:

meet.google.com/mxc-auth-yqg

REC Shilpa Ygowda is presenting

10:22 AM

Binary Operator Overloading

```
#include<iostream>
using namespace std;
class Complex {
private:
    int real, imag;
public:
    Complex(int r = 0, int i = 0) {
        real = r; imag = i;
    }
    Complex operator + (Complex const &obj) {
        Complex res;
        res.real = real + obj.real;
        res.imag = imag + obj.imag;
        return res;
    }
    void print() { cout << real << " + i" << imag << endl; }
};

int main() {
    Complex c1(10,5), c2(2, 4);
    Complex c3 = c1 + c2;
    c3.print();
}
```

Disha Shetty has left the meeting

programming in c++-Ms.shilpa

Shilpa Ygowda is presenting

REC Ankitha Shetty is presenting

12:04 PM

Copy constructor:

- A copy constructor is a member function which initializes an object using another object of the same class.
- It is similar to pass by reference
- It takes reference to an object of the same class as itself as an arguments.
- General format:

```
ClassName (const ClassName &old_obj);
```

Meeting details

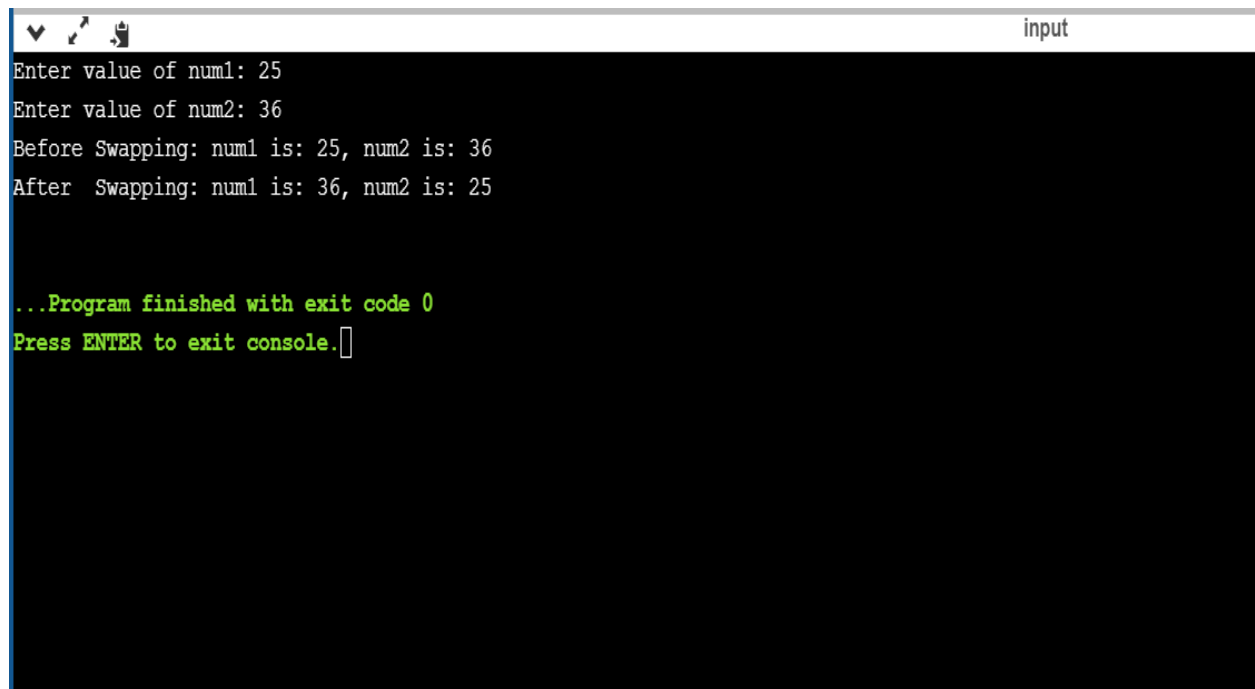
Ankitha Shetty is presenting

Coding Challenges Details:

main.c

```
1 - /*****
2
3 Online C Compiler.
4 Code, Compile, Run and Debug C program online.
5 Write your code in this editor and press "Run" button to compile and execute it.
6
7 *****/
8 #include <stdio.h>
9 void swap(int *x,int *y)
10 {
11     int t;
12     t = *x;
13     *x = *y;
14     *y = t;
15 }
16
17 int main()
18 {
19     int num1,num2;
20
21     printf("Enter value of num1: ");
22     scanf("%d",&num1);
23     printf("Enter value of num2: ");
24     scanf("%d",&num2);
25     printf("Before Swapping: num1 is: %d, num2 is: %d\n",num1,num2);
26     swap(&num1,&num2);
27     printf("After Swapping: num1 is: %d, num2 is: %d\n",num1,num2);
28     return 0;
29 }
30
```

Language C

A terminal window with a dark background and light green text. The window title bar at the top shows three icons on the left and the word 'input' on the right. The text inside the terminal reads: 'Enter value of num1: 25', 'Enter value of num2: 36', 'Before Swapping: num1 is: 25, num2 is: 36', 'After Swapping: num1 is: 36, num2 is: 25', followed by a blank line, then '...Program finished with exit code 0', and finally 'Press ENTER to exit console.' with a cursor at the end.

```
input
Enter value of num1: 25
Enter value of num2: 36
Before Swapping: num1 is: 25, num2 is: 36
After Swapping: num1 is: 36, num2 is: 25

...Program finished with exit code 0
Press ENTER to exit console.
```

Report link:

<https://github.com/Jchethana1990/Preplacement-report>

