

## Lecture NO 5

### How to start Programming in C++ (Class & Object)

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```
#include<iostream>
using namespace std;

class MyClass{
    private:
        int x,y;
    public:
        // int z;
        void setX(int pX)
        {
            if (pX<0)
                cout<<"Please enter a valid input";
            else{
                x = pX;
            }
        }

        void setY(int pY)
        {
            if (pY<0)
                cout<<"Please enter a valid input";
            else{
                y =pY;
            }
        }

        void getX()
        {
            cout<<endl<<"X: "<<x;
        }

        void getY()
        {
            cout<<endl<<"Y: "<<y;
        }

        void add()
        {
            cout<<endl<<"Add of "<<x<<" + "<<y<<" = "<<x+y;
        }

};
```

```
int main()
{
    MyClass myclass;

    myclass.setX(45);
    myclass.setY(10);

    myclass.getX();
    myclass.getY();

    myclass.add();
    //myclass.getX();
    //myclass.add();
}
```