

Chapter 8 creating our own custom class

Programming by Munawar

Writing a custom class

We can write a custom class as follows:

```
Public class student {  
  
    Int s id;                -----> Attribute 1  
  
    String name;             -----> Attribute 2  
  
}
```

Any real world object = Properties + Behavior

Object in oops = attribute + methods

A class with Method

We can add methods our class student as follows:

```
Public class student {  
  
    Public Int s_id;  
  
    Public String name;  
  
    Public Int getData () {  
  
    }  
  
    Public void getDetails() {  
  
    }  
}
```

```
};
```

Source Code

```
import javax.swing.plaf.synth.SynthTextAreaUI;
import java.util.Scanner;
class student {
    int std_id;
    String name;
    int salary=30000;

    public int getSalary() {
        return salary;
    }

    public void printDetail(){
        System.out.println("Student id is "+std_id);
        System.out.println("Student name is "+name);
    }
}
public class Main {
    public static void main(String[] args) {
        // Java class
        System.out.println("This is our custom class");

        student std = new student(); //instantiating a new student object

        // setting properties
        std.std_id = 148;
        std.name = "Munawar";
        std.salary=100000;

        //printing the attribute
        System.out.println(std.std_id);
        System.out.println(std.name);
        System.out.println("The salary of munawar is"+std.getSalary());

        // calling printdetails method
        std.printDetail();

        // creating new object
        student newstd=new student();
        newstd.std_id=321;
        newstd.name="Kamal Ali";
        newstd.printDetail();
        System.out.println("The salary of kamal is
        :"+newstd.getSalary());
    }
}
```

Thank You