

## Practical 04

### **//Exercise 01**

```
public class Employee {  
    private int empID;  
  
    public int getEmpID() {  
        return empID;  
    }  
  
    public void setEmpID(int empID) {  
        this.empID = empID;  
    }  
  
    public String getEmpName() {  
        return empName;  
    }  
  
    public void setEmpName(String empName) {  
        this.empName = empName;  
    }  
  
    public String getEmpDesignation() {  
        return empDesignation;  
    }  
  
    public void setEmpDesignation(String empDesignation) {  
        this.empDesignation = empDesignation;  
    }  
  
    private String empName, empDesignation;}
```

```

public class Test {

    public static void main(String[] args) {

        Employee e1=new Employee();

        e1.setEmpID(1);

        e1.setEmpName("Mr.Bogdan");

        e1.setEmpDesignation("UnKnown");

        System.out.println("Employee ID: "+e1.getEmpID()+"\nEmployee Name:
"+e1.getEmpName()+"Employee Designation: "+e1.getEmpDesignation());

        Employee e2=new Employee();

        e2.setEmpID(2);

        e2.setEmpName("Mr.Bird");

        e2.setEmpDesignation("UnKnown");

        System.out.println("Employee ID: "+e2.getEmpID()+"\nEmployee Name:
"+e2.getEmpName()+"Employee Designation: "+e2.getEmpDesignation());

    }

}

```

## Exercise 02

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## Exercise 02

### Person

```

public class Person {

    private int id;

    private String name;

    public int getId() {

        return id;
    }
}

```

```
}
```

```
public void setId(int id) {  
    this.id = id;  
}
```

```
public String getName() {  
    return name;  
}
```

```
public void setName(String name) {  
    this.name = name;  
}
```

```
}
```

### **Student**

```
public class Student extends Person{  
    private String course;
```

```
public String getCourse() {  
    return course;  
}
```

```
public void setCourse(String course) {  
    this.course = course;  
}
```

```
}
```

### **//Lecturer**

```
public class Lecturer extends Person {  
    private String program;  
  
    public String getProgram() {  
        return program;  
    }  
  
    public void setProgram(String program) {  
        this.program = program;  
    }  
  
}
```

### **Main**

```
public class Test {  
  
    public static void main(String[] args) {  
        Student s1=new Student();  
        Lecturer l1=new Lecturer();  
        s1.setId(1);  
        s1.setName("ABC");  
        s1.setCourse("C1");  
        l1.setId(12);  
        l1.setName("WASD");  
        l1.setProgram("p1");  
    }  
}
```

```
        System.out.println("Student ID: "+s1.getId()+"\nStudent Name: "+s1.getName()+"\nCourse: "+s1.getCourse()+"\nLecturer ID: "+l1.getId()+"\nLecturer Name: "+l1.getName()+"\nProgram: "+l1.getProgram());
    }
}
```

## **Exercise 02**

True

True

True