

Practical 04

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//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