

## Practical-04

### Exercise-01

```
public class Employee {  
    private int empID;  
    private String empName;  
    private String Designation;  
  
    public int getempID()  
    {return empID;  
    }  
    public void setempID(int Id)  
    {empID=Id;  
    }  
    public String getempName()  
    {  
        return empName;  
    }  
    public void setempname(String en)  
    { empName=en;  
    }  
  
    public String getDesignation()  
    {  
        return Designation;  
    }  
}
```

```

}

public void setDesignation(String Des)
{
    Designation=Des;
}

public void display()
{
    System.out.println("Employee ID:"+getempID());
    System.out.println("Employee Name:"+getempName());
    System.out.println("Employee Designation:"+getDesignation());
}
}

```

```

public class Emp {

```

```

    public static void main(String[] args) {
        Employee e1=new Employee();
        e1.setempID(270);
        e1.setempname("Bogdan");
        e1.setDesignation("Manager");

        Employee e2=new Employee();
        e2.setempID(275);
        e2.setempname("Bird");
        e2.setDesignation("Director");
        e1.display();
        e2.display();
    }
}

```

## Exercise-02

Answer is:

9

6

## Exercise-03

```
public class student {
```

```
    public String Name;
```

```
    public int Id;
```

```
    public String Prog;
```

```
    private String Course;
```

```
    public void setName(String name)
```

```
    { Name=name;
```

```
    }
```

```
    public String getName()
```

```
    { return Name;
```

```
    }
```

```
    public void setId(int id)
```

```
    { Id=id;
```

```
    }
```

```
    public int getId()
```

```
    { return Id;
```

```
    }
```

```

    public void setCourse(String course)
    { Course=course;
    }

    public String getCourse()
    { return Course;
    }
}

public class Lecturer extends student {

    @Override
    public void setName(String name)
    { Name=name;
    }

    @Override
    public String getName()
    { return Name;
    }

    @Override
    public void setId(int id)
    { Id=id;
    }

    @Override
    public int getId()
    { return Id;
    }

    public void setProg(String prog)

```

```

    {Prog=prog;
    }

    public String getProg()
    {return Prog;
    }
}

public class Person {

    public static void main(String[] args) {

        student s1=new student();
        s1.setName("Ann");
        s1.setId(230);
        s1.setCourse("Biology");
        System.out.println("Student Name:"+s1.getName());
        System.out.println("Student Id:"+s1.getId());
        System.out.println("Student Course:"+s1.getCourse());
        Lecturer l1=new Lecturer();
        l1.setName("Sam");
        l1.setId(34);
        l1.setProg("Physics");
        System.out.println("Lecturer Name:"+l1.getName());
        System.out.println("Lecturer Id:"+l1.getId());
        System.out.println("Programme:"+l1.getProg());

    }

}

```

#### Exercise-04

true

true

true