

## **Lab Sheet 06**

### **Exercise 01:**

1. Whether we use or not the public static final keyword to a variable in interface, the interface will declare the variable as a final variable.
2. Whether we use or not the abstract keyword to the method in interface, all the method of the interface will declare as a abstract method.
3. We cannot change the variable x value in the implemented class called InterfaceImplemented. That x variable is a final variable.

### **Exercise 02:**

```
public interface Speaker
{
    void speak(String phase);
}

public class Politician implements Speaker
{
    @Override
    public void speak(String phase)
    {
        System.out.println("Politician: "+phase);
    }
}
```

```
public class Priest implements Speaker
{
    @Override
    public void speak(String phase)
    {
        System.out.println("Priest: "+phase);
    }
}
```

```
public class Lecturer implements Speaker
{
    @Override
    public void speak(String phase)
    {
        System.out.println("Lecturer: "+phase);
    }
}
```

```
public class InterfaceSpeaker
{
    public static void main(String[] args)
    {
        Politician poli1=new Politician();
        poli1.speak("Vote me.");
        Priest prie1=new Priest();
        prie1.speak("Bless you!");
        Lecturer lec1=new Lecturer();
        lec1.speak("Todey we are learning about OOP concept.");
    }
}
```