

Practical 05

Exercise 01: public interface

```
MyFirstInterface {  
    int x=1;  
  
    abstract void display();  
    public static finale y=2;  
}
```

1. There is no difference between the two approaches.

2.

```
public interface MyFirstInterface {
```

```
    void display();
```

```
    abstract void displaye();  
}
```

There is no difference between the two approaches.

3.

```
public class InterfaceImplemented implements MyFirstInterface {
```

```
    @Override
```

```
    public void display() {
```

```
        int x=2;
```

```
    }
```

```
    @Override
```

```
    public void displsay() {
```

```
        System.out.println(x);
```

```
    }
```

It is not possible to change the value of the variable because of finale keyword.

Exercise 02:

```
package com.mycompany.exercise_2;
```

```
/**
```

```
*
```

```
* @author Lenovo
```

```
*/
```

```
public class Politician implements Speaker{
```

```
    @Override
```

```
    public void speak(){
```

```
        System.out.println("bbbbbbbbbbbbbb");
```

```
    }
```

```
}
```

```
public class Priest implements Speaker{
```

```
    @Override
```

```
    public void speak() {
```

```
        System.out.println("bbbbbbbbbbbbbbbbbbbbbbbbbb");
```

```
    }
```

```
}
```

```
public class Lecturer implements Speaker{
```

```
    @Override
```

```
    public void speak() {
```

```
        System.out.println("aaaaa");
    }
}

public interface Speaker {

    /**
     *
     */
    public void speak();
}

public class Exercise_2 {

    public static void main(String[] args) {
        Lecturer l1=new Lecturer();
        l1.speak();
        Politician p1=new Politician();
        p1.speak();
        Priest p=new Priest();
        p.speak();

    }
}
```

Exercise 03:

Compilation error