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Lab06

Exercise 01:

//with

```
public interface MyFirstInterface {
```

```
    public static final int x = 10;
```

```
    abstract void display();
```

```
}
```

//without

```
public interface MyFirstInterface {
```

```
    int x = 10;
```

```
    abstract void display();
```

```
}
```

Both approaches are equivalent, and there is no difference between them.

Exercise 02:

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

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

```
    @Override  
    public void speak() {  
        System.out.println("I am a politician. I speak to persuade people.");  
    }  
}
```

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

```
    @Override  
    public void speak() {  
        System.out.println("I am a priest. I speak to offer guidance and comfort.");  
    }  
}
```

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

```
    @Override  
    public void speak() {
```

```
        System.out.println("I am a lecturer. I speak to teach and inform.");  
    }  
}
```

```
public class Main {  
  
    public static void main(String[] args) {  
        Politician politician = new Politician();  
        politician.speak();  
  
        Priest priest = new Priest();  
        priest.speak();  
  
        Lecturer lecturer = new Lecturer();  
        lecturer.speak();  
    }  
}
```