Lab 3 - Problem 1

```
Person p1 = new PersonWithJob("Joe", 30000);

Person p2 = new Person("Joe");

System.out.println("p1.equals(p2)? " + p1.equals(p2));
System.out.println("p2.equals(p1)? " + p2.equals(p1));
```

The reason why the two lines show different results is because they're calling different methods:

P1.equals(p2) calls PersonWithJob's equals method; it compares both salary and name and returns false. On the other hand p2.equals(p1) calls Person's equals method that compares only names and return true.