**Problem 1**

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

Person p2 = **new** Person("Joe");

//As PersonsWithJobs, p1 should be equal to p2

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

/\* p2 is NOt an instance of PersonWithJob, the child can be act as parent but the parent can not be act as child, so it will return false\*/

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

/\* p1 is an instance of p2, because p2 is the parent\*/