Lab Number:	10
Student Name:	Pratham Amare
Roll No :	23

Title:

1.   Write a java program to implement Multiple Inheritance using Interfaces. Create an interface called Management with selectCandidate() method. Another interface called Department with allotSubject() method. Class called HOD will implements these two interfaces and define the methods and access them with valid objects.

Learning Objective:

Students will be able to implement multiple inheritance using Interface concepts

Learning Outcome:

- Understanding the abstraction concept and hiding of the unnecessary code using interfaces.

Course Outcome:

ECL304.4	1. Implement different programming applications using packaging.

Theory:

- What is complete abstraction and how is it achieved in JAVA?
- Explain multiple abstraction and how is it performed in Java?

Algorithm :	
| Program: | ```java
interface AnimalEat {

    void eat();

}
interface AnimalTravel {

    void travel();

}
class Animal implements
AnimalEat, AnimalTravel {
``` |

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```java
    public void eat() {

System.out.println("Animal is
eating");
    }
    public void travel() {

System.out.println("Animal is
travelling");
    }
}
public class Demo {
    public static void
main(String args[]) {
        Animal a = new Animal();
        a.eat();
        a.travel();
    }
}
```

Input given:	
Output Screenshot:	`Animal is eating` `Animal is travelling`

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