ID: IT 22026

Name! Tushan

package abstract classes; altoing the moter 301 1703401 DOV interface Flyable & abstract class flying vehicle ( 120)

-String model sum partie (String model) Elding public flying vehicle (String model) Elding Huis. model = models

- Commistic

abstract void takeoff (); public void show Model () (" + model);

g system. out. println ("model;" + model);

class Aimplane extends flying vehicle implements flyable {

Public Airplane (String model) &

Supeti (model) bing two motors

System. Out. printin L'Airplane is Aying at CovenRide public void fly () {

Abventide

void taxeoff () {

System out printin ("Airplane takes off from

the rounway ");

}

Class Helicopter extends Flyingvehicle implements Arable {

public Helicoptern (String model) {

Supern(model);

}

Qoventide

public void fly () {

System out praintly ("Helicoptern is flying at low

altitude.");

3

Overricide
void takeoff(){

System.out.preintln ("Helicopten takes off ventically.");

3
2

```
public class Flight Demo {
   public static void main (String 22 arras) {
        flying vehicle plane = new Alaplane ("Boeing 747"),
        plune. Show Model ();
       ((Fly uble) Plane) . fly () i
        plane takeoff ();
        System. out. prolotan ();
       flying vehical tep Helicopter 2 new Helicopter ("Bell 206")
       Helicopton-Showmodel ();
      ((Flyable) Helicopten J. Ay ();
       Helicopten - taxeoff ();
```