Stratego Cly? SimVDuch Wooden Duck RubberDuck Red Mead Duck Mallard Duck quali(){ augch () Quack Qual Mute Squeal Sauch quail squah Mute

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```
package StrategyPattern;
public interface FlyBehavior {
    public void fly();
}

public class FlyWithWings implements FlyBehavior{

    @Override
    public void fly() {
        // TODO Auto-generated method stub
        System.out.println("Can't fly");
    }
}
}
```

```
public abstract class Duck {
     private FlyBehavior flyBehavior;
     private QuackBehavior quackBehavior;
     this.quackBehavior = new Quack();
      Duck(FlyBehavior fb, QuackBehavior qb) {
          this.quackBehavior = qb;
     public void swim() {
    System.out.println("I am a duck and I swim");
      public void performFly() {
    this.flyBehavior.fly();
      public void performQuack() {
          this.quackBehavior.quack();
      public void setFlyBehavior(FlyBehavior fb) {
     public void setQuackBehavior(QuackBehavior qb) {
         this.quackBehavior = qb;
                            \triangle
package StrategyPattern;
    MallardDuck(FlyBehavior fb, QuackBehavior qb) {
    public void display() {
    // TODO Auto-generated method stub
    System.out.println("I am a Mallard Duck");
```

```
public class StayMute implements QuackBehavior {
    @Override
    public void quack() {
        // TODO Auto-generated method stub
        System.out.println("I stay Mute");
    }
}
public class Quack implements QuackBehavior {
    @Override
    public void quack() {
        // TODO Auto-generated method stub
        System.out.println("Quack Quack");
    }
}

public class Squeak implements QuackBehavior {
    @Override
    public void quack() {
        // TODO Auto-generated method stub
        System.out.println("Quack Quack");
    }
}

public class Squeak implements QuackBehavior {
    @Override
    public void quack() {
        // TODO Auto-generated method stub
        System.out.println("Squeak Squeak");
    }
}
```

## l for Testing

public interface QuackBehavior {
 public void quack();

```
package StrategyPattern;
public class Test {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        MallardDuck mallardDuck = new MallardDuck();
        mallardDuck.performFly();
        mallardDuck md2 = new MallardDuck(new FlyNoWay(),new Squeak());
        md2.performFly();
        md2.performQuack();

        MallardDuck md3 = new MallardDuck();
        md3.setFlyBehavior(new FlyWithWings());
        md3.setQuackBehavior(new StayMute());
        md3.performFly();
        md3.performQuack();
}
```