```java
// KAUSTUBH RAYKAR
// PRN - 21070126048
// AIML A3

package Bird;
public class Main {
    public static void main(String[] args){

        MallarDuck mallarduck= new MallarDuck();
        mallarduck.display();
        mallarduck.performFly();
        mallarduck.performQuack();
    }
}

-------------------
package Bird;
public class MuteQuack implements QuackBehaviour{
    @Override
    public void quack() {
        System.out.println("I am on Mute.....");
    }
}
-------------------
package Bird;
public interface FlyBehaviour {
    public void fly();
}
-------------------
package Bird;
public abstract class Duck {
    FlyBehaviour flyBehaviour;  //object of interface
    QuackBehaviour quackBehaviour;      //object of interface
    abstract void display();


    public void setFlyBehaviour(FlyBehaviour fb){
        flyBehaviour = fb;
    }

    public void setQuackBehaviour(QuackBehaviour qb){
        quackBehaviour = qb;
    }
    public void performQuack(){
        quackBehaviour.quack();
    }
    public void performFly(){
        flyBehaviour.fly();
    }
}-------------------
package Bird;
public class Quack implements QuackBehaviour{
    @Override
    public void quack() {
        System.out.println("I believe i am Quack..........");
    }
}
-------------------
package Bird;
public class FlyNoWay implements FlyBehaviour{
```

```java
    @Override
    public void fly() {
        System.out.println("I believe i cannot fly");
    }
}
--------------------
package Bird;
public interface QuackBehaviour {
    public void quack();
}


--------------------
package Bird;
public class FlyWithWings implements FlyBehaviour{
    @Override
    public void fly() {
        System.out.println("I believe I can Fly");
    }
}
--------------------
package Bird;
public class MallarDuck extends Duck{
    public MallarDuck(){
        quackBehaviour = new Quack();
        flyBehaviour= new FlyWithWings();
    }

    @Override
    void display(){
        System.out.println("I am MallarDuck");
    }
}
--------------------
package Bird;
public class Squeak implements QuackBehaviour{
    @Override
    public void quack() {
        System.out.println("I can Squeak.....");
    }
}
```