

~~class~~

Package homework;

interface Sound {

void makeSound();

abstract class Bird {

String name;

public Bird(String name) {

this.name = name;

abstract void move();

public void showName() {

System.out.println("Bird name is" + name);

}

class parrot extends Bird implements Sound {

public Parrot(String name) {

super(name);

@Override

public void makeSound() {

System.out.println("Parrot Says: Coco

}



Override

```
void move() {
```

```
    System.out.println("Parrot fly");
```

```
}
```

```
}
```

class Robin extends Bird implements Sound {

```
    public Robin(String name) {
```

```
        super(name);
```

```
}
```

Override

```
    public void makeSound() {
```

```
        System.out.println("Robin says: warble");
```

```
}
```

Override

```
void move() {
```

```
    System.out.println("Robin fly easily");
```

```
}
```

for



```
public class abstraction {  
    public static void main(String[] args) {  
        Bird parrot = new Parrot("Polly");  
        parrot.showName();  
        ((Sound) parrot).makeSound();  
        parrot.move();  
        System.out.println();  
        Bird robin = new Robin("Robin-bird");  
        robin.showName();  
        ((Sound) robin).makeSound();  
        robin.move();  
    }  
}
```