

EXPERIMENT – 2.1

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Subject Name: OOP using JAVA

Subject Code: 21CSH-218

AIM: Bird object has all the properties that an Animal object has, as well as some additional unique properties. You must add a sing method to the Bird class, then modify the main method accordingly.

OBJECTIVE:

Using inheritance, one class can acquire the properties of others.

PROGRAM CODE:

```
import java.io.*;
import java.util.*;

class Animal{
    void walk(){
        System.out.println("I am walking");
    }
}

class Bird extends Animal {
    void fly() {
        System.out.println("I am flying");
    }

    void sing(){
        System.out.println("I am singing");
    }
}
```

```
public class Solution{  
    public static void main(String[] args){  
        Bird bird = new Bird();  
        bird.walk();  
        bird.fly();  
        bird.sing();  
    }  
}
```

OUTPUT:

✓ **Test case 0**

Compiler Message

Success

Expected Output

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```
1  I am walking  
2  I am flying  
3  I am singing
```