

```

public class Main {
    public static void main (String[] args) {
        Eagle e = new Eagle();
        Hawk h = new Hawk();
        System.out.println("Eagle");
        e.fly();
        e.makeSound();
        System.out.println("Hawk");
        h.fly();
        h.makeSound();
        System.out.println("IBH22CS273");
    }
}

```

→ Eagle:

Eagle soars high in sky.

Eagle screeches loudly.

Hawk:

Hawk glides through air.

Hawk emits piercing cry.

IBH22CS273

Abstract Program

- Q1) JAVA program to create an abstract class Bird with methods fly() and make sound(). Create subclass Hawk and Eagle that extend Bird class and implement respective methods.

```
abstract class Bird {  
    public abstract void fly();  
    public abstract void make sound();  
}
```

```
class Eagle extends Bird {
```

```
    @Override
```

```
    public void fly() {
```

```
        System.out.println("Eagle soars  
high in sky");
```

```
    @Override
```

```
    public void make sound() {
```

```
        System.out.println("Eagle screeches  
loudly");
```

```
    }
```

```
class Hawk extends Bird {
```

```
    @Override
```

```
    public void fly() {
```

```
        System.out.println("Hawk  
glides through air");
```

```
    }
```

```
    @Override
```

```
    public void make sound() {
```

```
        System.out.println("Hawk  
emits piercing cry");
```

```
    }
```

```
}
```