

```

import java.util.*;
abstract class Shape
{
    abstract void numberOfSides();
}
class Rectangle extends Shape
{
    void numberOfSides()
    {
        System.out.println("Rectangle consists of 4 sides");
    }
}
class Triangle extends Shape
{
    void numberOfSides()
    {
        System.out.println("Triangle consists of 3 sides");
    }
}
class Hexagon extends Shape
{
    void numberOfSides()
    {
        System.out.println("Hexagon consists of 6 sides");
    }
}
class polymorphism
{
    public static void main(String args[])
    {
        Rectangle object1 = new Rectangle();
        object1.numberOfSides();

        Triangle object2 = new Triangle();
        object2.numberOfSides();

        Hexagon object3 = new Hexagon();
        object3.numberOfSides();
    }
}

```

Output :-

```

Rectangle consists of 4 sides
Triangle consists of 3 sides
Hexagon consists of 6 sides

```