

Source Code:

```
abstract class Shape
{
    public abstract void Noofsides();
}

class Rectangle extends Shape
{
    public void Noofsides()
    {
        System.out.println("No. Of Sides In Rectangle : 4");
    }
}

class Triangle extends Shape
{
    public void Noofsides()
    {
        System.out.println("No. Of Sides In Triangle : 3");
    }
}

class Hexagon extends Shape
{
    public void Noofsides()
    {
        System.out.println("No. Of Sides In Hexagon : 6");
    }
}

class Polymorphism
{
    public static void main(String[] args)
    {
        Rectangle r = new Rectangle();
        Triangle t = new Triangle();
        Hexagon h = new Hexagon();
        r.Noofsides();
        t.Noofsides();
        h.Noofsides();
    }
}
```

Output :

```
PS E:\Code\Java> cd "e:\Code\Java\" ; if ($?) { javac Polymorphism.java } ; if ($?) { java Polymorphism }
No. Of Sides In Rectangle : 4
No. Of Sides In Triangle : 3
No. Of Sides In Hexagon : 6
PS E:\Code\Java>
```