

```
abstract class shape
{
```

```
    int a=3;
```

```
    int b=4;
```

```
    abstract public void print-area();
```

```
}
class rectangle extends shape
```

```
{
    public int area=rect;
```

```
    @Override
```

```
    public void print-area()
    {
```

```
        area-rect = a*b;
```

```
        System.out.println("The area of rectangle is  
a + area-rect);
```

```
    }
```

```
}
```

```
class triangle extends shape
```

```
{
    int area-tri;
```

```
    @Override
```

```
    public void print-area()
    {
```

```
        area-tri = (int) (0.5 * a * b);
```

```
        System.out.println("The area of triangle is : " + area-tri);
```

```
    }
```

```
}
```

class circle extends Shape

{
int area - circle

@Override

public void print - area()

{

area - circle = (int) (3.14 * a * a);

System.out.println ("The area of circle is : " + area - circle);

}

class also {

public static void main (String args[])

{

rectangle rec = new rectangle();

rec.print - area();

triangle tri = new triangle();

tri.print - area();

circle cir = new circle();

cir.print - area();

}

}