

الوراثة 1

```
package pro1;

public class triangler extends towshpes {
    String style ;

    double area() {

        return
            getWidth()* getHigth()/2;

    }
    void showstyle () {
        System.out.print(style);
    }
}
```

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```
package pro1;

public class towshpes {
    private double width;
    private double high;

    void showdim() {
        System.out.println("width and height are "+ width+" "+high);

    }

    public double getWidth() {
        return width;
    }
}
```

```
}
```

```
public void setWidth(double width) {
```

```
    this.width = width;
```

```
}
```

```
public double getHigth() {
```

```
    return highth;
```

```
}
```

```
public void setHigth(double highth) {
```

```
    this.higth = highth;
```

```
}
```

```
}
```

```
=+++++
```

```
package pro1;
```

```
public class program {
```

```
    public static void main(String[] args) {
```

```
        // TODO Auto-generated method stub
```

```
        triangler t1 = new triangler();
```

```
        triangler t2 = new triangler();
```

```
t1.setHigth(6.0);
```

```
t1.setWidth(8.0);
```

```
t1.style="iso";
```

```
t1.showstyle();
```

```
t1.showdim();
```

```
System.out.println();
```

```
System.out.println(t1.area());
```

```
t2.setHigth(9.0);
```

```
t2.setWidth(7.0);
```

```
t2.style="right";
```

```
t2.showstyle();
```

```
t2.showdim();
```

```
System.out.println();
```

```
System.out.println(t2.area());
```

}

}

+++++