

```
import java.util.Scanner;
public class Main {
    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        double a,b,c;
        Shape s;
        while(sc.hasNext()){
            a=sc.nextDouble();
            b=sc.nextDouble();
            c=sc.nextDouble();
            s=new Triangle(a,b,c);
            System.out.println(s);
            System.out.printf("%s\t%8.2f\t%8.2f\n",((Triangle)s).judge(), s.getPerimeter(),s.getArea());
        }
    }
}
```