An abstract class

```
public abstract class Shape
{
    public abstract double area();
    public abstract double circumference();
}
```



```
public class Rectangle extends Shape
{
    private Colour c;
    private double x, y;

    protected w, h;

    public Rectangle(){w = 0.0; h = 0.0;}
    public Rectangle(double w, double h){this.w = w; this.h = h;}
    public double area(){return w * h;}
    public double circumference(){return 2*(w+h);}
    public double getWidth(){return w;}
    public double getHeight(){return h;}
}
```

Rectangle inherits Shape and overrides its methods to implement t