

```
class Shape /copyable and assignable/ {  
    public:  
        Shape() (constructor)  
        virtual double getArea()  
}  
  
class Circle : public Shape /copyable and assignable/ {  
    public:  
        Circle(double r) (constructor)  
        virtual double getArea() overrides Shape::getArea()  
    private:  
        double mRadius  
}
```