|  |
| --- |
| ***Shape*** |
| -color\_: int |
| +Shape(color: int)  +setColor(color: int): void  +getColor(): int  +*getArea():* double |

|  |
| --- |
| **Rectangle** |
| -length\_: double  -width\_: double |
| +Rectangle(length: double, width: double, color :int)  +getArea(): double  +toString(): String |

|  |
| --- |
| **Square** |
| -side\_: double |
| +Square(side: double, color: int)  +getArea(): double  +toString(): String |

|  |
| --- |
| **Circle** |
| -radius\_: double |
| +Circle(radius: double, color: int)  +getArea(): double  +toString(): String |