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| GeometricObject |
| -ID: int |
| +GeometricObject()  +GeometricObject(ID: int)  +getID(): double  +getArea(): double |

|  |  |  |
| --- | --- | --- |
| Circle | Square | Triangle |
| -radius: double | -sideSquare: double | -height: double  -base: double |
| +Circle()  +Circle(ID: int, radius: double)  +getRadius(): double  +getArea(): double | +Square()  +Square(ID: int, sideSquare: double)  +getSideSquare(): double  +getArea(): double | +Triangle()  +Triangle(ID: int, height: double, base: double)  +getHeight(): double  +getBase(): double  +getArea(): double |