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| --- |
| GeometricObject |
| * color: string * filled: boolean |
| * GeometricObject( ) * GeometricObject(color: string, filled: boolean) * getColor( ): string * setColor(color: string ): void * isFilled( ): boolean * setFilled(filled: boolean ): void * getArea( ): double * getPerimeter ( ): double |

Abstract Class 🡪

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| --- |
| Triangle |
| * side1: double * side2: double * side3: double |
| * Triangle ( ) * Triangle(side1: double, side2: double, side3: double) * getSide1( ): double * getSide2( ): double * getSide3( ): double * getArea( ): double * getPerimeter( ): double * getString ( ): string |

^ inheritance

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| TestTriangle |
| + main(args:String[]): void |