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| --- |
| POINT |
| * x,y: int |
| + POINT  + POINT(int x, int y)  + getX() int  + setX(int X ) void  + getY() int  + setY(int Y) void  + distance(POINT p) double  + toString(): String |

|  |
| --- |
| LINE |
| * A,B LINE |
| + LINE()  + LINE (POINT p2, POINT p2)  + getA() POINT  + setA(POINT p) void  + get B() POINT  + set B(POINT p) void  + distance() double  + xIntercept() double  + yIntercept() double  + toString() String |

|  |
| --- |
| CIRCLE |
| * Center, POINT * r int |
| + CIRCLE()  + CIRCLE(POINT p, int R)  + getCenter() POINT  + setCenter(POINT p) void  + getR() int  + setR(int R) int  + setArea() double  + toString() String |







|  |
| --- |
| CYLINDER |
| * height int |
| +CYLINDER()  +CYLINDER( POINT p, int R, int height)  + getHeight() int  + setHeight( height h) void  + getArea() double  +getVolume() doube  + toString(): String |