|  |  |
| --- | --- |
| QuadraticEquation | |
| -a: | double |
| -b: | double |
| -c: | double |
| QuadraticEquation() | |
| QuadraticEquation(a: double, b: double, c: double) | |
|  |  |
| getA(): | double |
| getB(): | double |
| getC(): | double |
|  |  |
| getDiscriminant(): | doulbe |
| getRoot1(): | doulbe |
| getRoot2(): | doulbe |

|  |  |
| --- | --- |
| Fan |  |
| SLOW: | final int [ =1] |
| MEDIUM: | final int [=2] |
| FAST: | final int [=3] |
| -speed | int [ = SLOW ] |
| -on | boolean [ = false ] |
| -radius | double [ = 5 ] |
| color | String [ = blue ] |
| Fan() |  |
|  |  |
| getSpeed(): | int |
| getOn(): | boolean |
| getRadius(): | double |
| getColor(): | String |
| setSpeed(speed: int) : | void |
| setOn(on: boolean) : | void |
| setRadius(radius: double) : | void |
| setColor(color: String) : | void |
|  |  |
| toString(): | String |

|  |  |
| --- | --- |
| RegularPolygon |  |
| -n | int [=3] |
| -side | double [=1] |
| -x | double [=0] |
| -y | double [=0] |
| RegularPolygon() |  |
| RegularPolygon(n: int, side: double) | |
| RegularPolygon(n: int, side: double, x: double, y: double) | |
|  |  |
| getN(): | int |
| getSide(): | double |
| getX(): | double |
| getY(): | double |
| setN(n: int) : | void |
| setSide(side: double) : | void |
| setX(x: double) : | void |
| setY(y: double) : | void |
|  |  |
| getPerimeter(): | double |
| getArea(): | double |