**public** **class** Rectangle **implements** Shape{

**private** **int** height;

**private** **int** width;

//constuctor

**public** Rectangle(){

**this**.height = 1;

**this**.width = 1;

}

//set methods

**public** **void** setHeigth(**int** height){

**this**.height = height;

}

**public** **void** setWidth(**int** width){

**this**.width = width;

}

//get methods

**public** **int** getHeight(){

**return** height;

}

**public** **int** getWidth(){

**return** width;

}

@Override

**public** **double** calcArea() {

**return** width \* height;

}

}

//on different file interface

**public** **interface** Shape {

**public** **double** calcArea();

}