**Cylinder**

**Package circles**

Public class **cylinder** (double radius, double height) {

Private double **height**;

Public **Cylinder** () {

Super ();

This. height=1.0;

}

Public Cylinder (double radius, double height){

Super(radius);

This.height=height;

}

Public double getHeight(){

Return height;

}

Public void setHeight(double height){

This.height=height;

}

Public double getArea(){

Return **2\*Math.PI\*getRadius()\*height+2\*super.getArea();**

}

Public double getVolum(){

Return super.getArea()\*height;

}

}

}