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Software Dev 1

Lab 8

Problem 11.1: False

Problem 11.3: A single inheritance is a java class may inherit directly from only one superclass. A multiple inheritance is the ability to derive a subclass from multiple classes. Java does not allow this, however does allow a superclass and an interface.

Problem 11.5: A subclass can explicitly invoke a suplerclass's constructor using the super keyword.

Problem 11.11: the following lines have errors

```
{
radius = radius; // Must use this.radius = radius
}


class B extends Circle {
Circle(radius); // Must use super(radius)
length = length; // Must use this.length = length
}


public double getArea() {
return getArea() * length; // super.getArea()
}
```