

# Inheritance Puzzle (Miniquiz #05)

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- A programmer has defined a class *LuckTesterOmen* which extends *IOmen*. The subclass has a method *void setLuck(int)*; The code below is from a method whose return type is *IOmen*. But it doesn't work.
- 1. Which line will the compiler complain on?
- 2. Fix the code. You can modify or delete lines, but not add any.

```
IOmen anOmen = new LuckTesterOmen();  
anOmen = (LuckTesterOmen) anOmen;  
anOmen.setLuck(tryCount);  
anOmen = (IOmen) anOmen;  
return anOmen;
```

NAME\_\_\_\_\_ SECTION\_\_\_\_\_

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