

Module 7 quiz on code "dissection"

Quiz, 6 questions

4/6 points (66.66%)

Try again once you are ready.

Required to pass: 80% or higher

You can retake this quiz up to 3 times every 8 hours.

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point

1.

Lines 54-58 show an example of

- ☐ a default constructor in a subclass.
- ☐ a constructor that makes an explicit call to a constructor in the super class.
- ☒ a mutator method that makes an explicit call to a constructor in the super class.

This should not be selected

Although this method does make changes (mutates) to fields in the class, there is a more descriptive term for this type of method.

- ☐ a constructor that makes an implicit call to a constructor in the super class.

1 / 1
point

2.

Line _____ is the first line of a overridden method in the subclass.

78

Correct Response

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3.

Line _____ is the first line of a mutator method that is inherited by the subclass.

17

Correct Response1 / 1
point

4.

Line _____ is the first line of a method in the super class that is not inherited by the subclass.

31

Correct Response

Correct! Because this is a private method, it is not inherited by the subclass.

1 / 1
point

5.

Select **all** of the lines of code that could be written in the subclass. (i.e. would not cause a compile error or a runtime error)

☐

```
1 String inputString;  
2 ...  
3 this.name = inputString;
```

Un-selected is correct☐

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Un-selected is correct



```
1  toString();|
```



Un-selected is correct



```
1  super.toString();|
```



Correct

int num = super.getDays() is correct! The keyword **super** here is optional.



```
1  super.setMonth(8);|
```



Correct

super.setMonth(8); is correct.



```
1  setMonth(8);|
```



Correct

setMonth(8) is correct.



0 / 1
point

6.

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Quiz, Selection of the lines of code that could be written in a client file that was in the same project as the Month and SchoolMonth classes.



```
1 SchoolMonth x = new SchoolMonth(7);  
2 setMonth(4);
```



Un-selected is correct



```
1 SchoolMonth x = new SchoolMonth(7);  
2 x.setMonth(3);
```



Correct



```
1 Month x = new Month();
```



This should not be selected

The default constructor for the class Month is not defined because we have included at least one constructor of our own in the class.



```
1 SchoolMonth y = new SchoolMonth(11);  
2 y.semester = 'F';
```



Un-selected is correct



```
1 Month[] summer = new Month[3];
```



Correct

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