✓ **Congratulations! You passed!**
TO PASS 80% or higher

Keep Learning

GRADE
100%

Module 7 quiz on code "dissection"

LATEST SUBMISSION GRADE
100%

1. Lines 54-58 show an example of
    `1 / 1 point`

    ○ a mutator method that makes an explicit call to a constructor in the super class.

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

    ○ a default constructor in a subclass.

    ◉ a constructor that makes an explicit call to a constructor in the super class.

    ✓ Correct

2. Line _____ is the first line of a overridden method in the subclass.
    `1 / 1 point`

78

    ✓ Correct

3. Line _____ is the first line of a mutator method that is inherited by the subclass.
    `1 / 1 point`

17

    ✓ Correct

4. Line _____ is the first line of a method in the super class that is not inherited by the subclass.
    `1 / 1 point`

31

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

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  convertToString();
```

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

☑
```
1  setMonth(8);
```

✓ **Correct**
setMonth(8) is correct.

☐
```
1  super.convertToString();
```

☑
```
1  int num = super.getDays();
```

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

☑
```
1  super.setMonth(8);
```

6.

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

☐
```
1  SchoolMonth x = new SchoolMonth(7);
2  setMonth(6);
```

☐
```
1  Month x = new Month();
```

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

✓ **Correct**

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

✓ **Correct**