Java   Name -
Composition Worksheet #3   Period -

Review the Composition3 demo program and answer the following questions.

1. What is the purpose of adding a `toString` method to a class?

2. What data type is returned by the `toString` method in the `Name` class?

3. What is wrong with this version of a `toString` method for the `Name` class?

```
public void toString()
{
    System.out.println("first: " + myFirstName + "    " + "last: " + myLastName);
}
```


4. Rewrite the `toString` method of the `Name` class so that it returns the state of a `Name` object in a different format.

5. What is the problem with the following version of a `toString` method for the `Student` class?

```
public String toString()
{
    return myName + " " + getGradeLevel() + " " + scheduleList();
}
```


6. What is the purpose of the `scheduleList` method?

7. How can you rewrite the following statement from the client program?

```
System.out.println(student1);
```