

CSE 8B
Winter 2006
Quiz #1

Name _____ ID _____

(8 pts.) 1. Fill in the following blanks with the appropriate Java keywords:

a) The following code wants to throw an exception:

```
void foo() {  
    __throw_____ new FeatureUnimplementedException();  
}
```

b) The following code wants to execute some code that might throw an exception, handle a certain exception if it occurs, but in any case, do some cleanup:

```
public void converseWithStarship() {  
    OpenCommunicationToStarshipEnterprise();  
    __try_____ {  
        sendMessageToCaptainPicard();  
        Response r = receiveResponseFromStarship();  
        if (r.shipIsUnderAttack())  
            beamSelfToShip();  
    } __catch_____ (CommunicationException c) {  
        reportCommunicationErrorToEngineer();  
    } __finally_____ {  
        closeCommunicationToStarshipEnterprise();  
    }  
}
```

(7 pts.) 2. The following are the steps that are used in Test-Driven Development, but in mixed-up order. Number them from 1 to 7 in the correct order:

- | | |
|----------------|--|
| __ 4 __ | Write enough code that the test compiles (test will likely fail). |
| __ 3 __ | Compile (compile will likely fail). |
| __ 1 __ | Decide the next small step to accomplish. |
| __ 6 __ | Refactor. |
| __ 7 __ | If you need more testing of the small accomplishment, go back to step 2. |
| __ 2 __ | Write a test that'll test that accomplishment is successful. |
| __ 5 __ | Write just enough code to make your test pass. |

(5 pts.) 3. Give a one-sentence definition of *refactoring*:

