

SER515

# Unit Test/Reuse

Li Che Hsu

## Resources:

CourseInfo.txt:

SER515

SER501

CSE360

InsInfor.txt:

findler:1111

StuInfo.txt:

liam:1111

john:2222

UserCourse.txt:

findler: SER515

findler: SER501

findler: CSE360

liam: SER515

liam: SER501

john: CSE360

## Instruction:

### Step 1 Instructor Login

1. Username: findler Password: 1111
2. Choose Instructor radio button
3. Click Login button

### Step 2 Choose the course

1. Select SER515 from the menu
2. Click HighLevel button
3. Click OK

### Step 3 Add / View an assignment

1. Click add button of Assignment

2. Fill the assignment name with Assignment 1 and suggested solution
3. Set due date
4. Click close button
5. Click add button of Assignment again
6. Fill the assignment name with Assignment 2 and suggested solution
7. Set due date (before today)
8. Now you will have two assignments in your drop down menu

#### **Step 4 View an assignment**

1. Choose Assignment 2 from drop down menu
2. Now you can click the view button to view the Assignment 2

#### **Step 5 Logout**

1. Click the Logout button

#### **Step 6 Student Login**

1. Username: liam Password: 1111
2. Choose Instructor radio button
3. Click Login button

Note: There will be a reminder which shows that there is a upcoming assignment and an overdue assignment.

#### **Step 7 Student choose courses**

1. Select SER515 from the menu
2. Click HighLevel button
3. Click OK

#### **Step 8 Do assignment**

1. Select Assignment 1 in drop down menu
2. Click view button of Assignment
3. There will be some descriptions of Assignment 1 such as name , due date, suggested solution
4. Fill answer1 in the solution blank
5. Click the submit button
6. Select Assignment 2
7. Click view button of Assignment
8. Fill answer2 in solution2 in the solution blank

#### **Step 9 Logout**

1. Click the Logout button

#### **Step 10 Grade**

1. Do Step 1
2. Do Step 2
3. Select Assignment 1 in drop down menu

4. Click view button of Assignment
5. Click the grade button
6. Fill 100 in Solution file name blank
7. Click Report button
8. Click the red button (the upper left) to close the frame

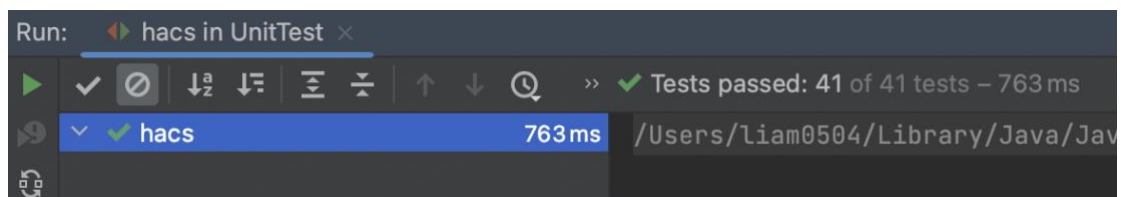
### Step 11 Logout

1. Click the Logout button

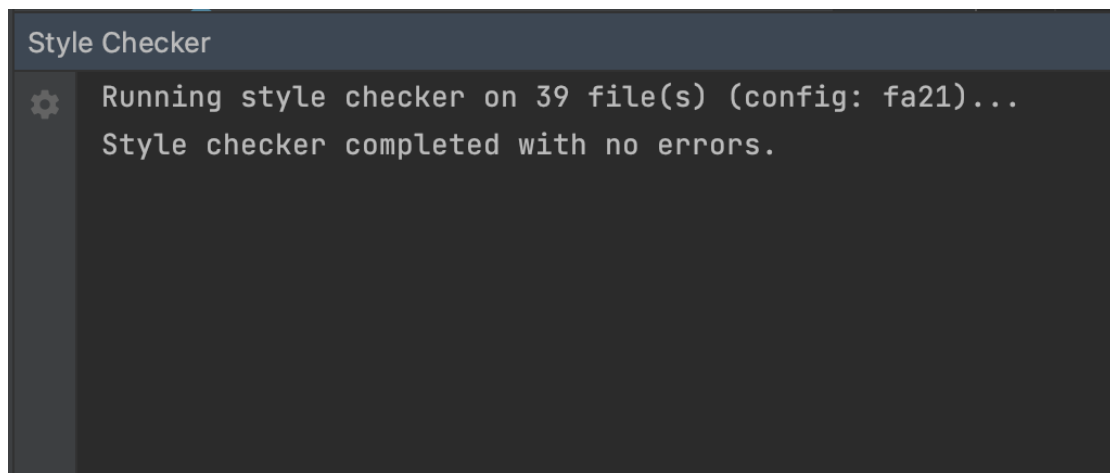
### Step 12 Students check grade

1. Do step 6
2. Do Step 7
3. Select Assignment 1 in drop down menu and click View
4. Now you can see your grade is 100
5. Click cancel button
6. Select Assignment 2 in drop down menu and click View
7. The grade is -1 since the instructor haven't reported yet.

JUnit Test result:



CS61B Check Style:



## Coverage

Coverage: hacs in UnitTest			
Element	Class, %	Method, %	Line, %
hacs	70% (35/50)	56% (115/205)	42% (354/842)
Assignment	100% (1/1)	100% (11/11)	100% (18/18)
AssignmentMenu	0% (0/1)	0% (0/1)	0% (0/3)
ClassCourseList	100% (1/1)	100% (2/2)	88% (8/9)
Course	100% (1/1)	100% (5/5)	100% (9/9)
CourseIterator	100% (1/1)	100% (5/5)	86% (13/15)
CourseMenu	100% (3/3)	33% (4/12)	65% (28/43)
CourseSelectDlg	0% (0/3)	0% (0/10)	0% (0/55)
Facade	100% (1/1)	53% (7/13)	47% (24/51)
Hacs	0% (0/1)	0% (0/3)	0% (0/19)
HighLevelCourseMenu	100% (1/1)	16% (1/6)	3% (1/30)
Instructor	100% (1/1)	66% (2/3)	38% (5/13)
InstructorAssignmentMenu	0% (0/1)	0% (0/7)	0% (0/77)
ListIterator	100% (1/1)	100% (4/4)	88% (8/9)
Login	0% (0/3)	0% (0/13)	0% (0/77)
LowLevelCourseMenu	100% (1/1)	16% (1/6)	3% (1/29)
NodeVisitor	100% (1/1)	50% (1/2)	50% (1/2)
Person	100% (1/1)	20% (2/10)	23% (4/17)
Reminder	100% (2/2)	50% (3/6)	83% (25/30)
ReminderVisitor	100% (1/1)	80% (4/5)	76% (20/26)
Solution	100% (1/1)	100% (6/6)	94% (16/17)
SolutionGradingDlg	0% (0/2)	0% (0/6)	0% (0/28)
SolutionIterator	100% (1/1)	100% (6/6)	88% (15/17)
SolutionList	100% (1/1)	100% (1/1)	100% (1/1)
SolutionMenu	0% (0/1)	0% (0/2)	0% (0/2)
Student	100% (1/1)	66% (2/3)	41% (5/12)
StudentAssignmentMenu	0% (0/3)	0% (0/9)	0% (0/81)
TestAssignment	100% (1/1)	100% (10/10)	100% (34/34)
TestClassCourseList	100% (1/1)	100% (1/1)	100% (6/6)
TestCourse	100% (1/1)	100% (5/5)	100% (9/9)
TestCourseIterator	100% (1/1)	100% (5/5)	100% (11/11)
TestFacade	100% (1/1)	100% (3/3)	100% (16/16)
TestInstructor	100% (1/1)	100% (1/1)	100% (5/5)
TestListIterator	100% (1/1)	100% (4/4)	100% (11/11)
TestReminderVisitor	100% (1/1)	100% (4/4)	100% (12/12)
TestSolution	100% (1/1)	100% (6/6)	100% (13/13)
TestSolutionIterator	100% (1/1)	100% (6/6)	100% (23/23)
TestSolutionList	100% (1/1)	100% (1/1)	100% (5/5)