

## In-class Exercise – Regression Testing

Total points: 100

1. Go to the **xRegress-Tutorial** folder under your home directory on the xSuds server.

```
test2019fall@xsuds:~$ ls
Desktop/  examples.desktop*  LastOpenedFiles.xml*  sqatool_workspace/  xRegress-Tutorial/
```

2. Click the link down below and follow the instructions in **Chapter 11** of the xSuds Tool suite Tutorial.

<https://paris.utdallas.edu/ewong/se6367-exec/04-Tutorial/xSuite-Tutorial/help/xregress.html>

Please note:

- For chapter 11.2 & 11.3, use **xRegress-tutorial-CMD** sub folder.

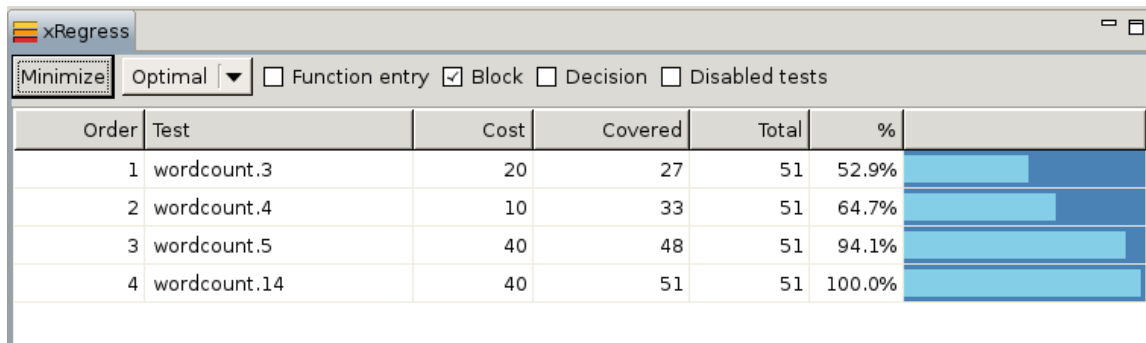
```
test2019fall@xsuds:~/xRegress-Tutorial$ ls
xRegress-tutorial-CMD  xRegress-tutorial-GUI
```

- For chapter 11.4, use **xRegress-tutorial-GUI** sub folder.

```
test2019fall@xsuds:~/xRegress-Tutorial$ ls
xRegress-tutorial-CMD  xRegress-tutorial-GUI
```

- In chapter 11.2, we already generated the script *tests\_regress* for you, you can execute all the test cases using that script without creating your own one.

Go through the tutorial, after you finished chapter 11.4, take a screenshot of the **entire screen** (not just Figure 11-3 which attached below). Email the screenshot to TA.



The screenshot shows the xRegress application window. At the top, there's a title bar with the xRegress logo and window controls. Below the title bar is a toolbar with a 'Minimize' button, a dropdown menu set to 'Optimal', and several checkboxes: 'Function entry' (unchecked), 'Block' (checked), 'Decision' (unchecked), and 'Disabled tests' (unchecked). The main area contains a table with 7 columns: Order, Test, Cost, Covered, Total, %, and a progress bar. The table lists four tests: wordcount.3, wordcount.4, wordcount.5, and wordcount.14. Each test row has a corresponding blue progress bar to the right of the percentage column.

Order	Test	Cost	Covered	Total	%	
1	wordcount.3	20	27	51	52.9%	<div></div>
2	wordcount.4	10	33	51	64.7%	<div></div>
3	wordcount.5	40	48	51	94.1%	<div></div>
4	wordcount.14	40	51	51	100.0%	<div></div>