

Software Engineering - Activities

1 SETUP

In Google Chrome, click on the “hamburger” and pull down to “Tools”-“Developer Tools”.

2 DEBUGGER

<https://users.cs.jmu.edu/bernstdh/web/common/lectures/ecmascriptexamples/clientsidebasics/bmi-calculator.html>

Click on “Sources” and then bmi.js

Set a breakpoint and step through the code

3 PROFILER

<https://users.cs.jmu.edu/bernstdh/web/common/lectures/ecmascriptexamples/optimization/cc-test.html>

Click on “Profiles”

Click on “Start”

Click on “Solve” in the WWW page

Click on “Stop”

4 NETWORK USAGE

<https://users.cs.jmu.edu/bernstdh/web/common/lectures/ecmascriptexamples/http/slideshow.html>

Click on “Network”

Reload the page

5 EDITING

<https://users.cs.jmu.edu/bernstdh/web/common/lectures/htmlexamples/css/multimedia.html>

Click on “Elements”

Select elements

Expand elements

6 UNIT TESTING

<https://users.cs.jmu.edu/bernstdh/web/common/lectures/ecmascriptexamples/unittesting/bmi-test.html>

7 COVERAGE TESTING

<https://users.cs.jmu.edu/bernstdh/web/common/lectures/ecmascriptexamples/unittesting/bmi-coverage-test.html?coverage=true>