|  |  |  |  |
| --- | --- | --- | --- |
| IST 261, Fall 2019 |  | Student | Ryan Carey |
| PSU Abington |  | Email | [Ruc230@psu.edu](mailto:Ruc230@psu.edu) |
| Phil O’Connell |  | Journal # | 3 |
|  |  | Covering week #(s) | 5/6 |
|  |  | Due | 9/28/19 (late) |

* Fill out the ***Start Time*** and ***End Time*** when your video is completed.
  + This will allow me to find each portion

|  |  |  |  |
| --- | --- | --- | --- |
| ***Debugging Feature*** | ***Class and Method*** | ***Start Time (e.g., 03:20)*** | ***End Time (e.g., 05:15)*** |
| Step Into | UIHelper.readYN | 0:40 | 1:32 |
| [1] Step Out Of | UIHelper.readYN | 1:37 | 1:45 |
| [2] Change value of variable | UIHelper.readYN | 1:10 | 1:42 |
| [3] Breakpoint at incrementing correct++ | Main.main | 0:10 | 0:38 |
| [3] Breakpoint at incrementing **in**correct++ | Main.main | 2:51 | 3:40 |
| [4] Breakpoint inside catch | UIHelper.readPositiveInt | 3:43 | 4:34 |

[1] For the “Step Out” – make sure you show yourself returning to the calling method

[2] For the “Change value” – Change the value of what’s being returned. Enter “Y”, and use the debugger to make readYN return an “N”. Then enter “N” on the keyboard, and use the debugger to make readYN return a “Y”.

[3] For the “Breakpoint at” – do not just show yourself putting a breakpoint on a line. Show the code running, and the program stopping on those breakpoints. Also, point out where the debugger shows the values of those variables (there are two spots in the IDE showing that). Do that both ***before*** and ***after*** the values of the variables change.

[4] For “Breakpoint inside catch” – Put a breakpoint inside the catch clause, and show that the debugger stops there when the string is unsuccessfully parsed