# Problem Report

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| Assignment: Lab\_GroupA | Date: 09/20/2020 | Report#: 1 |

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| Testing Team#: Team 10 | Partner Team#: Team 7 |

Testing Team Members:

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| Mike Horn | Matthew Merle |
| Jerry McNeill | Lee Lewis |

Program: **FullRetirementAge.py, validations.py**

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| Report Type  (1-3): **2, 3** | 1 - Coding Error  2 - Design Issue  3 - Suggestion | Severity  (1-3): **3** | 1 - Fatal  2 - Serious  3 - Minor | Priority  (1-5): **4** | 1 - Fix IMMEDIATELY  2 - Fix ASAP  3 - Must fix  4 - Fix if possible  5 - Optional |

Problem Summary:

* normal\_retirement() should have parameter names that are more specific, and should be broken up for better readability and debugging
* Prompt messages should be separate from the validation function call

Problem Details:

* Although normal\_retirement() compiles and runs fine as-is, breaking it into smaller methods will help in the event of any bugs that could arise. Smaller methods mean easier bug fixes.
* Due to the fact that the normal\_retirement() function returns three values, you could run into problems where just one of those values is coming back incorrectly, but you have to work around code that’s working how it should (IE, the two values that return correctly).
* # something something about separating user input from validation function call. Not sure what to put here.

Steps To Reproduce: N/A?

Suggested Fix (optional):

* Separate your normal\_retirement() function into smaller functions, that only return one value each
* By doing this, if a value is not returned as it should be, you know exactly where to look to fix the problem without even having to debug
* Something about separating user input from the validation input