# Testing Document

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# Debugging Exercises

## Testing the Debugging Exercises

Shortcut to step through code while in debugging is ‘f10’.

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| **Test** | **Expected Output** | **Actual Output** | **Passed?** |
| Fixing the Slide  currentRecordIdx = data.GetRecordCount() - 3; | For the program to go back three profiles when the right key is press on the fifth profile | The Program goes back three profiles when on the fifth profile and press right | Passed as the code makes it go back three profiles. |
| Fixing the Name  currentRecord->name = new char[nameSize];  currentRecord->name[nameSize] = 0; | When the program runs the name is just the name of the NPC no extra characters | Writes out the name with no extra characters. | Passed for the printing the name but fail as it breaks the program when you try to change to a different profile. |
| Making the else statement run when the if statement doesn’t work.  else  {  infile.seekg(recordSize, std::ios::cur);  } | For the program to appear at the position the file read when launch which should be a blank window with String text of NAME, AGE, and age set to zero. | The program runs which starts up a blank window with grey text string of NAME and AGE also with age set to zero. | Passed as the if statement reads where the file has been read to the byte which at the start would be none of the data if not assess. |