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| --- | --- | --- | --- | --- | --- |
| LEARNING PROFILE FOR EXAMPLE PROGRAM CreateProfile | | | | | |
| *Name* | *:* | *Tyler Lucas* | *Due Date* | *:* | *N/A* |
| *Student ID* | *:* | *3305203* | *Submission Date* | *:* | *N/A* |

# 1. Problem Statement:

Textbook example program.

# 2. Description of the Code:

Asks the user some questions and outputs the user’s responses to a file named “profile.txt”, using *TextIO.java*. Version 1.1 onwards allows the user to select the output file.

# 3. Errors and Warnings:

No errors in version 1.0, only 1.1 onwards.

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| # | Errors / Warnings | Details | How I solved them |
| 1 | Exception in thread "main" java.lang.RuntimeException: Uncompilable source code - cannot find symbol  symbol: class bool | I thought the boolean primitive type could be referenced as bool, but it must be the whole word: boolean (or Boolean, using the object reference). | Changed bool to boolean. |
| 2 | C:\Users\tyblu\AppData\Local\NetBeans\Cache\8.2\executor-snippets\run.xml:53: Java returned: 1  BUILD FAILED (total time: 28 seconds) | This is expected behaviour, as I coded in an error if the user cancelled the dialog box, like this:  TextIO.putln("No file selected. Exiting...");  System.exit(1); | As designed. |
|  |  |  |  |

# 4. Sample Input and Output:

Version 1.0:

Console:

What is your name? Joe Bloe

What is your email address? joe@icqmail.com

What is your yearly income? 17385

What is your favourite colour? white

Thank you. Your profile has been written to profile.txt.

File *profile.txt*:

Name: Joe Bloe

Email: joe@icqmail.com

Favorite Colour: white

Yearly Income: 17,385.00

Version 1.1:

Console, file selection window cancelled:

Good afternoon! This program will create

your profile file, if you will just answer

a few simple questions.

What is your name? Tyler Lucas

What is your email address? tyblu@live.com

What is your yearly income? 0

What is your favourite colour? seafoam gren

No file selected. Exiting...

C:\Users\tyblu\AppData\Local\NetBeans\Cache\8.2\executor-snippets\run.xml:53: Java returned: 1

Console, file selection used to create/select *profile-TylerLucas.txt*:

Good afternoon! This program will create

your profile file, if you will just answer

a few simple questions.

What is your name? Tyler Lucas

What is your email address? tyblu@live.com

What is your yearly income? 10

What is your favourite colour? seafoam green

Thank you. Your profile has been written to file.

File *profile-TylerLucas.txt*:

Name: Tyler Lucas

Email: tyblu@live.com

Favorite Colour: seafoam green

Yearly Income: 10.00

# 5. Discussion:

Code worked as expected.

I wonder what would happen if the user didn’t input what was expected? There is no ‘cleaning’ or other verification of the inputs.

The file selection dialog worked, though the window did not come into focus (did not pop up in front of other windows, but behind the Netbeans window) when the program was run from Netbeans. Perhaps there is a way to bring the selection dialog into focus.