

Assignment: Coding the Student Profile Program

The assignment is to implement the Student Profile Program following the requirements listed in the Specification section below, so it compiles and runs without errors.

Assigned Date: January 19, 2023

Due Date: January 24, 2023, by the end of the lab

Specification: The Student Profile Program logs student information to an external file. The system must allow for the entry of multiple students. The information that is recorded for each student in the log is the following:

1. Full name
2. TUID Number
3. Email Address
4. Phone Number
5. Major
6. Expected graduation date
7. Is the student an Undergraduate?

The Application is to have a simple user interface that allows the user to input only the following fields:

1. Full Name
2. TUID
3. Email Address
4. Phone Number
5. Major
6. Expected Graduation Date
7. Whether the student is an undergraduate or not.

There is only one field that you need to validate when entered: Check that the TUID field is 9 numeric characters only.

Student data will be written to an external file in a presentable manner. Simply listing each student's information separated by a blank line between students is acceptable.

Submission: Submit the application's source code with a working user interface in Canvas.

The TA will attempt to run your program on his computer, so please note any technologies or software that may be required to run your program.