

CST8110_531 – Lab 3

Due date: October 4, 2019

What to submit: Student.java, Program.java and OnlineCourse.java

Challenge

Write a program that asks the user to

- Enter 1 to continue registering a student in a program
- Any other number to exit
- Once 1 is entered, the program would prompt the user to enter the student information (first name, last name and gender) as per output below
- Once the student info is entered, the program would offer the user a list of three programs to register the student to. The user would enter 1, 2 or 3 to select the respective program
- At this point, the program would print the full details of the registered student along with the program name and duration they are registered to

Code structure

- Class Program needs to have the following instance variables
 - o Program name
 - o Program duration
- Class Student needs to have the following instance variables
 - o First name
 - o Last name
 - o Gender
 - o Student number
 - o Student program (of type Program)
- Class OnlineCourse is the class that has the main method that needs to implement the logic displayed in the outputs below

Here are some sample outputs

Output 1

```
Welcome to our Online Registration System.  
To enroll a student, press 1 to continue. Any other number to exit  
22  
Good bye.
```

Output 2

```
Welcome to our Online Registration System.  
To enroll a student, press 1 to continue. Any other number to exit  
1  
Enter the following information  
First name: Michel  
Last name: Choueiry  
Gender: M  
Programs available  
1-Computer Science  
2-Nursing  
3-Police Academy  
Enter the number corresponding to the program you want to register to: 1  
Student details: Michel Choueiry, M, 100, Computer Science(3 years)  
Good bye.
```