

Graduate Division Program Tutorial

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Section 1: Format of Input Data

To be fully functional and pull data effectively, the appropriate fields must be labeled as:

student_id, orient_id, last_name, first_name, Class level, School, email_address, Region, Major, and Register. This program searches for the student_id field and pulls the data according to the next few fields as it looks for those headers in columns.

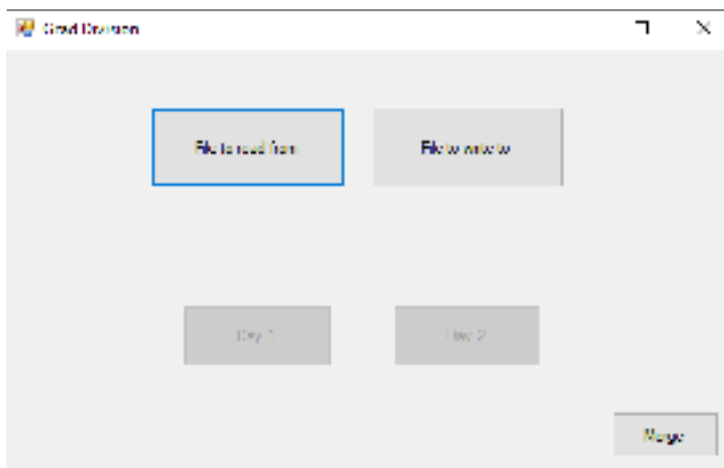
student_id	orient_id	last_name	first_name	Class Level	School
27102221	1000	SWANFAR	ANJASH	Master's	Clare Trevor School of the Arts
75386532	1001	LOU	TRIG	Master's	Clare Trevor School of the Arts
32724355	1002	FRANK	COUN	Master's	Clare Trevor School of the Arts
43416804	1003	PATRICIA	TANDOU	Master's	David Bree School of Information and C.
15406881	1004	CHANG	JANG	Master's	David Bree School of Information and C.
16315852	1005	MARK	KYEUNGJUN	Master's	David Bree School of Information and C.
26317230	1006	CHAN	WAN MAN	Master's	David Bree School of Information and C.
17432650	1007	SUN	GONGJUN	PhD	David Bree School of Information and C.
18744814	1008	CHEN	SHENGVI	Master's	David Bree School of Information and C.
71944841	1009	WAKAME	ENRI	PhD	David Bree School of Information and C.

To be able to pull the data from the file, the file must be of type **.CSV** as this is a comma delimited file.

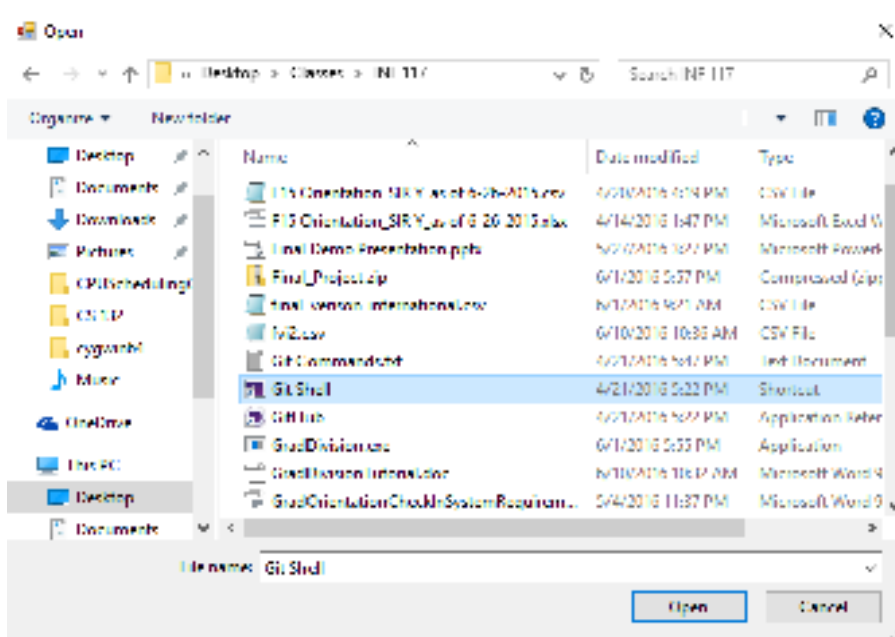
CAUTION: No commas can be present within any cells of this input file. The program looks for commas so if any are present, it will skip over and alter the data in ways where students are stored incorrectly within the program.

Section 2: Reading Appropriate File

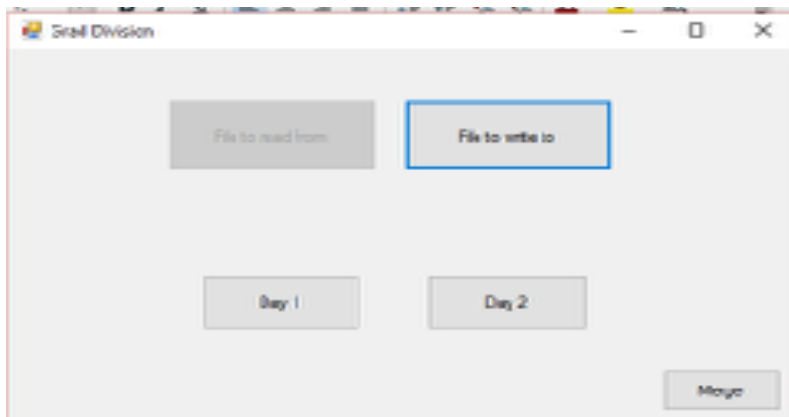
Upon starting the program, click **File To Read From** as this will open a dialogue window for you to search your computer for the input file. The file can be read from anywhere. It is advised that you store the Check-In Program and the input data file in the same place. Later in the tutorial, the reasoning behind this will be explained.



Upon clicking, **File to read from**, a window of files is brought up to ensure you can find the correct file.

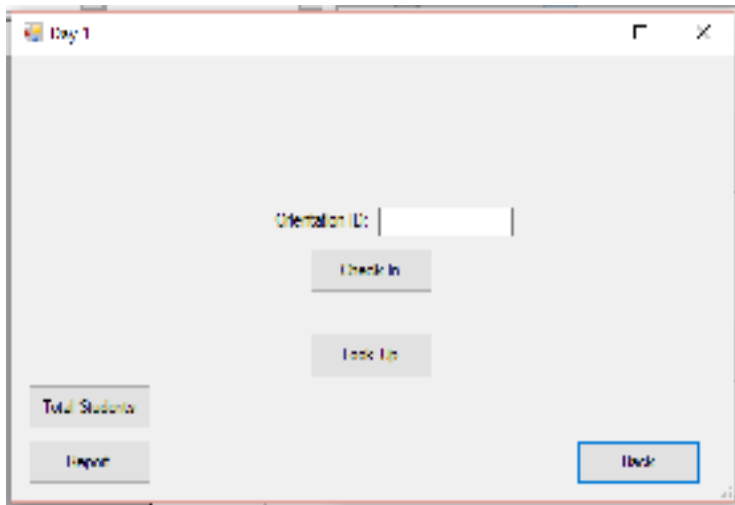


In this example, I am going to select **fvi2.csv** because this is the correctly formatted input file.



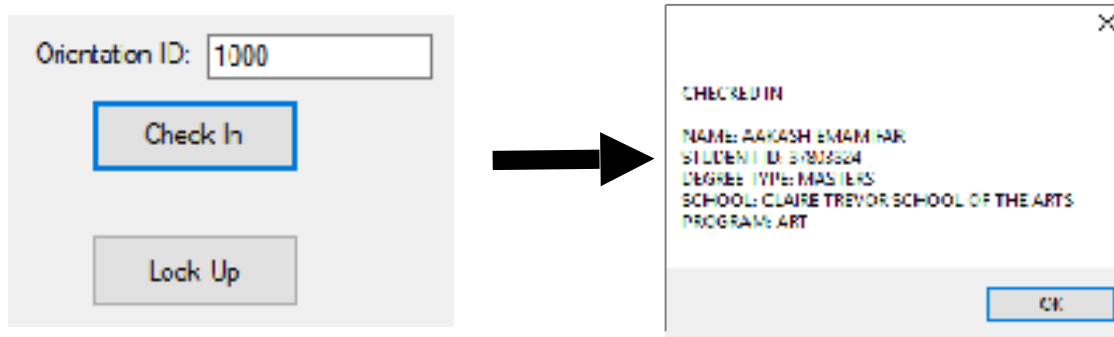
Once the file has been read, the **Day1** and **Day2** buttons have been unlocked to start the program.

Section 3: Day 1 Window

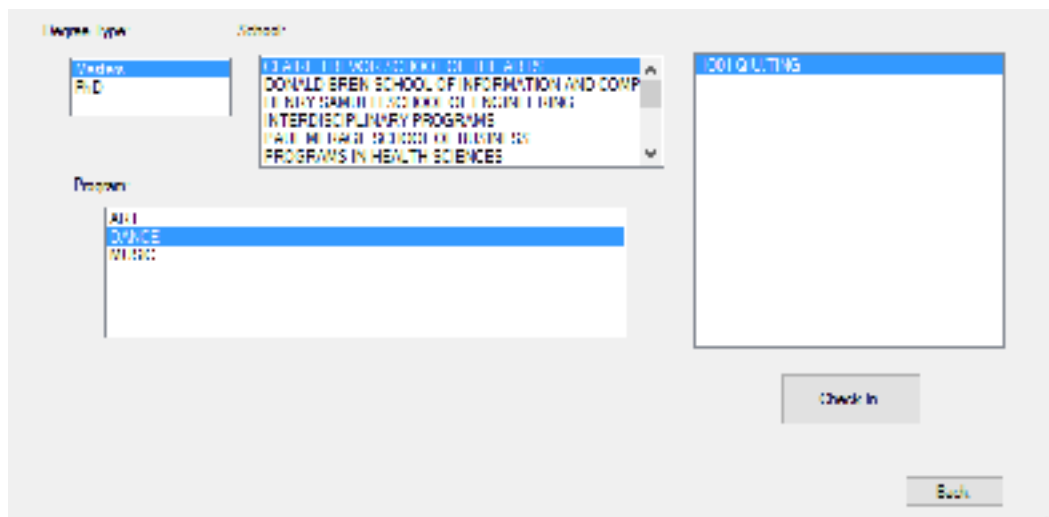


Upon Clicking **Day 1**, the user is brought to this window. To check in a student, a user will either search up a student by their **Orientation Identification Number** or by clicking the **Look Up** button.

EX: Checking in student 1000, their profile is brought up saying they have been checked in.

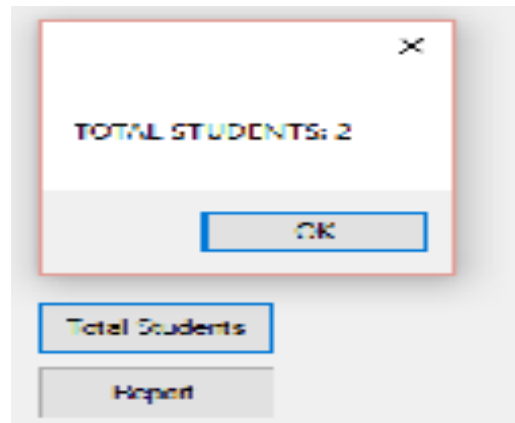


The purpose of the **Look Up** Button is to search for a student who has either forgotten their **Orientation Identification Number** or who is considered a Walk-Up on that day.



After designating the specific fields and finding their name, the user will click **Check In** and then **Back** to return to the initial **Day 1** menu. Within this **Look Up** window, any number of students can be checked in but only one at a time upon searching.

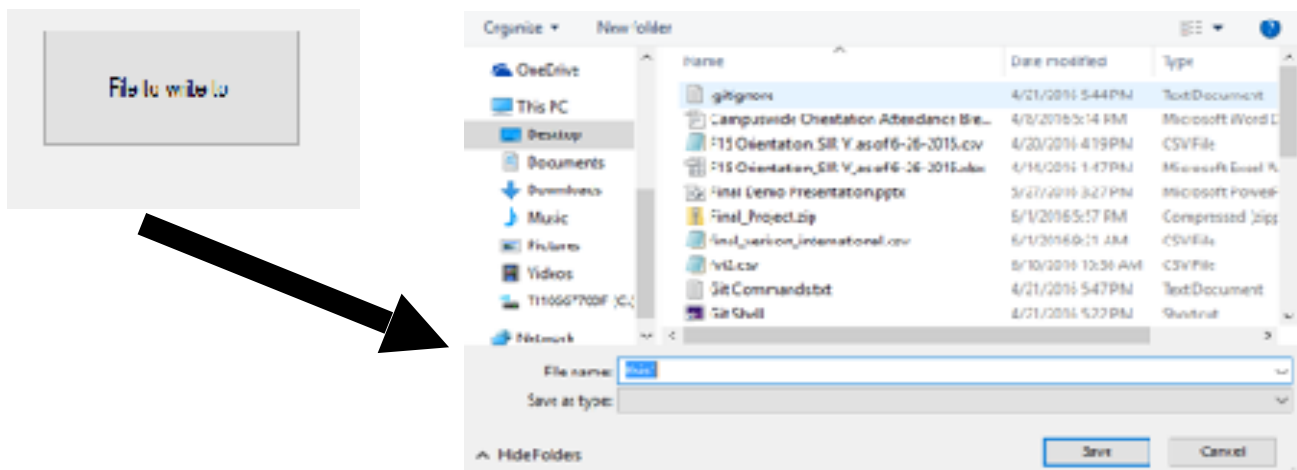
After clicking **Total Students**, a total number of the students who have checked in on this specific computer will be outputted in a window for viewing.



By clicking the **Report** Button, a full report breakdown from this specific computer is written. Some listed fields include breakdown by school and subsequent major, while others include specific percentage calculations of Total Registered students, Attendees who registered, Attendees who did not register (Walk-ups).

After clicking **Back**, the user is brought to the initial menu where they will choose **File To Write**, then by typign a specific name, a list of every student who has checked in will be written. The user can specify any location for the file to be written to.

For example, we will title the new file **this1.csv**. The program defaults the file to be written as a .CSV for convenience sake.



IMPORTANT: By logic design, if a student is **REGISTERED** and decides to look themselves up, they will **NOT BE CONSIDERED A WALK-UP ATTENDEE** but if a student is **NOT**

REGISTERED to attend and looks themselves up, they **WILL BE COUNTED AS A WALK UP**.

Here is an example of the outputted file that is written when **File to Write to** is selected.

1	2	3	4	5	6
id	name	email	password	role	status
1	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
2	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
3	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
4	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
5	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
6	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
7	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
8	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
9	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
10	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
11	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
12	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
13	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
14	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
15	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
16	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
17	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
18	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
19	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
20	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
21	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
22	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
23	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
24	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
25	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
26	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
27	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
28	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
29	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
30	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE
31	ADMIN	admin@gmail.com	admin123	ADMIN	ACTIVE

[illegible]

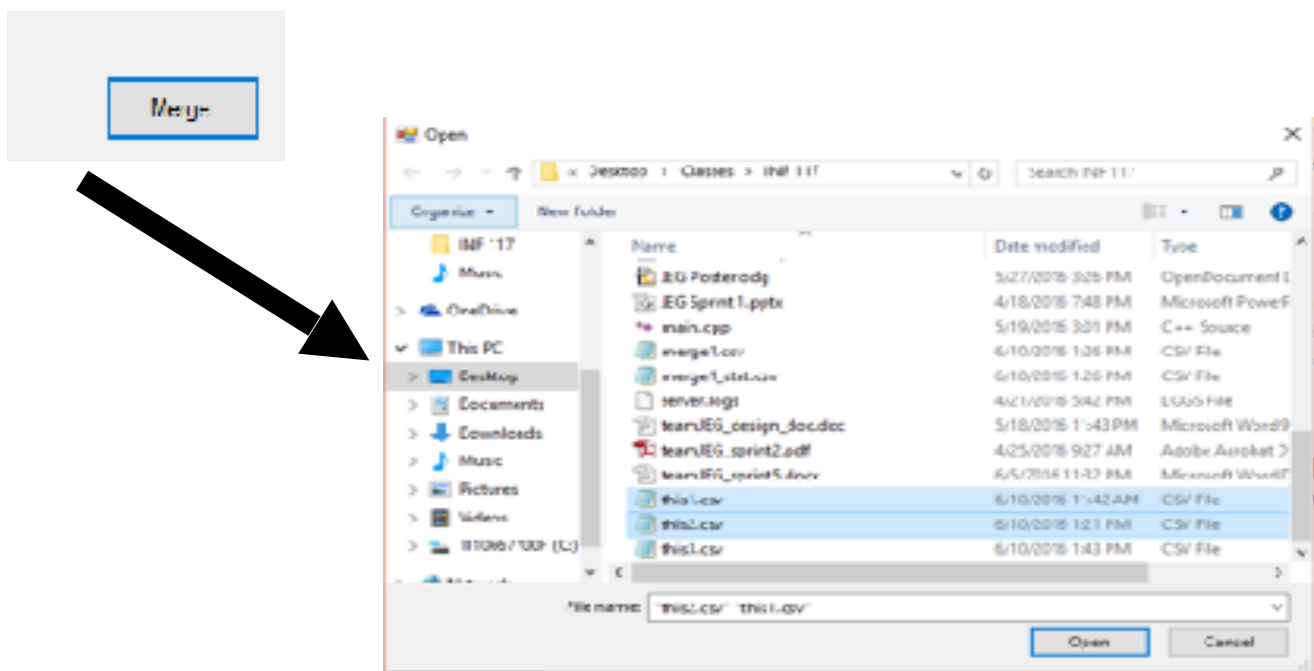
-Unnecessary fields have been removed, such as city, while new fields have been added such as **Walk up, Day1, Day2**. These serve a purpose when rereading this file into the program for **Day 2** check-in.

Section 5: Merge File

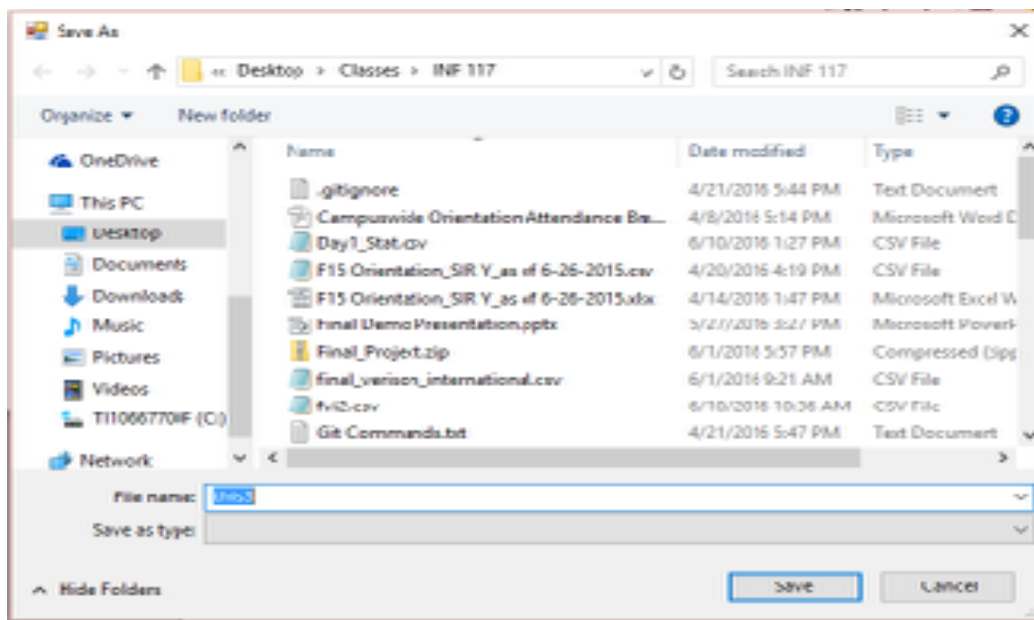
After completing that above mentioned steps on multiple computer, you will have written an arbitrary amount of files which consist of all of the students who have registered on **Day 1** or **Day 2**. All of the files will contain the same students but depending on which computer the student checked in on, they will only be inside of that file.

EX: Lets say student A checks in on computer A and student B checks in on computer B. This means that 2 files are outputted with both student A and B in them but one is checked in on one, same with the other. Clicking **Merge** will allow for both students to be listed in one file.

Important: If no file has been written already, a window will be brought up asking to **Save File?** If none is needed to be saved, clicking **No** will suffice. The point of this button is to not only be used while the program is running but also if it is only desired for files to be merged.

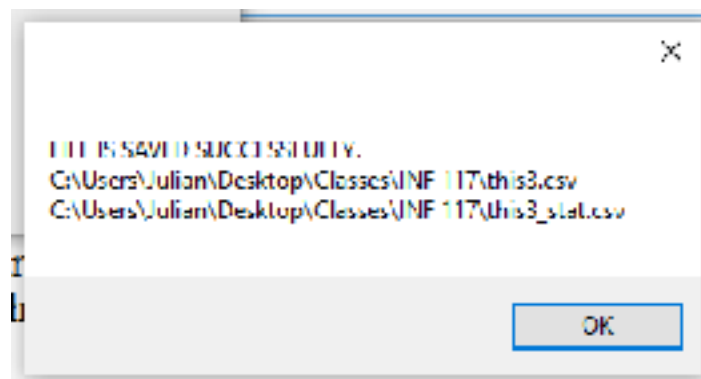


After selecting the files, a Window is then brought up specifying a name of file to be outputted. When typing the name, two files are then written: one being the list of all students checked in so far, and the statistics of the merged file check in.



The files that are written are .CSV files so Microsoft Excel, Open Office Calc, etc. must be used to properly view them.

This window is displayed to show the path in which the files exist and also which files have been written.



Section 6: Day 2 Window

The Day 2 Window mirrors the Day 1 window in terms of functionality. Can refer to **Section 3: Day 1 Window** for help on functionality of the window.

Only difference is that **Domestic AND International Students** can be checked into the orientation while only international can be checked in on **Day 1**.

Section 7: Final Report

By Checking the statistics file that was written, it is displayed that the full breakdown of attendees are able to be shown with percentages, breakdowns of individual schools, and individual programs.

	New Students	Registered Attendees	% of Registered as of New Students	Total Attendees	% of Attendees out of New Students	N of
CLARE TREVOR SCHOOL OF THE ARTS	0	0	0.00(0)	0	0.00(0)	0
DONALD BREN SCHOOL OF INFORMATION AND COMPUTER SCIENCE	0	0	0.00(0)	0	0.00(0)	0
HENRY SAMUEL SCHOOL OF ENGINEERING	0	0	0.00(0)	0	0.00(0)	0
INTERDISCIPLINARY PROGRAMS	0	0	0.00(0)	0	0.00(0)	0
PAUL WEGGARE SCHOOL OF BUSINESS	0	0	0.00(0)	0	0.00(0)	0
PROGRAMS IN HEALTH SCIENCES	0	0	0.00(0)	0	0.00(0)	0

That marks the end of this tutorial