Test Case #	Purpose of Test Case	Input Data	Expected Output
1 Add Student	To see if the student is added successfully under the condition that a name, major, status, and credit type have been filled out correctly in addition the add student button has been clicked.	Case1 If this student does not exist John doe, cs,14,resident Case 2 If this student does not exist and a state is not clicked John doe, cs,14,tristate Case 3 If this student does not exist and credit input is not a number is not clicked John doe, cs,xx,resident Case 4 If this student exist and John doe, cs,14,resident	Case1 Student Added  Case2 Have not selected State  Case3 Invalid credit hours  Case4 Student already in roster
2 Remove Student	To see if the student mentioned has been removed from the roster of Students. This also checks if the text fields are accurately filled in before removing.	Case 1 If this profile is already in the list: John Doe, cs, 14, resident  Case 2 If this profile is not in the list: John Doe, cs, 14, resident  Case 3 John Doe, cs, xx, resident	Case 1 Student Removed.  Case 2 Student not found.  Case 3 Credit hours missing
3 Calculate Tuition due	This method calculates the tuition of a single student	Case1 If student is not in the roster: John Doe, cs Case 2 Student is in the roster: John Doe, cs	Case 1 Student is not on the roster. Case 2 Returns the amount of tuition that student needs to pay
4	This method changes	Case 1	Case 1

Change Study Abroad Status	the study abroad status of an International student	If this profile is already in the list: John Doe, cs, 12, international, false  Case 2 If this profile is already in the list: John Doe, cs, 12, international, true  Case 3 If this profile is already in the list: John Doe, cs, 12, resident	Tuition Updated. 5918.0  Case 2 Tuition Updated. 41573.0  Case 3 Student is not an international student.
5 Make a Payment	This method makes a payment of the tuition for a student and adds a date to it	Case 1 John Doe, CS, 1000, 2021-11-01  Case 2 John Doe, CS, 2021-11-01  Case 3 John Doe, CS, 1000  Case 4 If this student does not exist: John Doe, CS, 1000	Case 1 Payment applied.  Case 2 Have not set payment amount.  Case 3 Payment date missing.  Case 4 Student not in the roster.
6 Set Financial Aid Amount	This method sets the financial aid amount given to a student.	Case 1 If student is not a resident Case 2 If student is not in roster Case 3 If student is a resident and tuition has been calculated Case 4 If student is a resident and tuition has not been calculated Case 5 If student is a	Case 1 Is not a resident. Case 2 Student not in the roster.  Case 3 Tuition updated. Case 4 Invalid amount Case 5 Invalid amount. Case 6 Awarded once already.

		resident and tuition has been calculated and financial aid > 10000 Case 6 Financial aid has already been awarded once	
7 Invalid Parameters	To see if the program will still work despite incorrect / unfilled arguments	Case1 Nothing filled out but add student,tuition due, Remove student,or Change Study Abroad Status is clicked Case2 Credit hours not filled out when adding student Case3 Credit hours not filled out with a number when adding student Case4 Status has not been clicked Case5 Major has not been clicked	Case1 No name provided Case2 Have not filled in Credits Case3 Invalid Credit hours Case4 Have not clicked Student Type  Case5 Have not clicked a Major