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| Test Case | Description | Sample Input | Expected result / output |
| 1 | 0 or negative credits for an instate student  &  Negative amount of funds entered | Case 1:  Number of credits = 0  Case 2:  Number of credits = -1  Case 3:  Amount of funds = -1000 | Case 1: Invalid Credits Input: Credits must be more than 0!  Case 2: Invalid Credits Input: Credits must be more than 0!  Case 3: Funding cannot be less than 0! |
| 2 | Characters are entered where integers or numeric data are expected | First Name = “123”  OR  Last Name = “123”  OR  Credits = “abc” | Case 1: International exchange student Stan 123 is added.  Case 2: International exchange student 123 Smith is added  Case 3: Invalid Credits Input: Credits must be an integer number! |
| 3 | Instate student cannot choose exchange or tri-state student/ | Select instate student. | Case 1: Buttons for exchange and tri-state student are disabled. |
| 4 | Outstate student cannot choose exchange or enter funding. | Select outstate student. | Case 1: Buttons for exchange and funding amount are disabled. |
| 5 | International student cannot choose tri-state option or enter funding. | Select international student | Case 1: Buttons for tri-state and funding amount are disabled. |
| 6 | Part time in-state students are not eligible for funding. | Case 1:  First Name: “Stan”  Last Name: “Smith”  Credits: 6  Select: Instate  Funds: 6000 | Part time In-State students are not eligible for the funding |
| 7 | Adding student who is already in list  Printing empty list  Removing a student from an empty list  Removing a student who is not in the list | Case 1: Adding Stan Smith, Adding Stan Smith again  Case 2: Print list without adding.  Case 3: Remove John Doe  Case 4: Remove John Doe | Case 1: Student Stan Smith is already in the list  Case 2: The student list is empty!  Case 3: Student is not in the student list!  Case 4: Student is not in the student list! |
| 8 | Not all Required data fields have an input when adding or removing. | Case 1:  First name: (NONE)  Last name: “Smith”  Credits: 14  Out-state, not tri-state  Case 2:  First name:” Stan”  Last name: “Smith”  Credits: (NONE)  Out-state, not tri-state | Case 1: Please enter first name and last name  Case 2:  Invalid Credits Input: Credits must be an integer number! |
| 10 | Number of credits for international students is less than 9. | Case 1:  First Name: “Stan”  Last Name: “Smith”  Credits: 8  International, non-exchange | Case 1: International students cannot have less than 9 credits! |
| 11 | Add new in-state student  Case 1: Without funding  Case 2: With funding | Case 1:  First Name: “Stan”  Last Name: “Smith”  Credits: 14  Select: Instate  Funds: N/A  Case 2:  First Name: “Stan”  Last Name: “Smith”  Credits: 14  Select: Instate  Funds: 4000 | Case 1: Instate student Stan Smith without funds is added.  Case 2: Instate student Stan Smith with funds $4000 is added. |
| 12 | Add new out-state student  Case 1: Not tri-state  Case 2: Is tri-state | Case 1:  First Name: “Haolun”  Last Name: “Smith”  Credits: 14  Select: outstate  Status: non-tri-state student  Case 2:  First Name: “Haolun”  Last Name: “Smith”  Credits: 14  Select: outstate  Status: Tri-state student | Case 1: Outstate student Haolun Smith without tri-state status is added.  Case 2: Outstate student Haolun Smith with tri-state status is added |
| 13 | Add new international student  Case 1: Non-exchange  Case 2: Exchange | Case 1:  First Name: “Haolun”  Last Name: “Cheng”  Credits: 14  Select: international  Status: non-exchange student  Case 2:  First Name: “Haolun”  Last Name: “Cheng”  Credits: 14  Select: international  Status: exchange student | Case 1: International non-exchange student Haolun Cheng is added  Case 2: International exchange student Haolun Cheng is added |
| 14 | Print using toString() | Add:  1.  First Name: “Haolun”  Last Name: “Cheng”  Credits: 14  Select: international  Status: non-exchange student  2.  First Name: “Stan”  Last Name: “Smith”  Credits: 18  Select: outstate  Status: tri-state  3.  First Name: “Surya”  Last Name: “Cheng”  Credits: 12  Select: instate  Status: funding amount $4000 | Print:  Haolun Cheng 14 credit hours, International, Not Exchange Student, Tuition Due: $15021  Stan Smith 18 credit hours, Outstate, Tristate, Tuition Due: $9781  Surya Cheng 12 credit hours, Instate Funds: $4000, Tuition Due: $2637 |
| 15 | Remove Student | Add:  First Name: “Haolun”  Last Name: “Cheng”  Credits: 14  Select: international  Status: non-exchange student  Remove:  Haolun Cheng | Added:  Haolun Cheng 14 credit hours, International, Not Exchange Student, Tuition Due: $15021  Removed:  Student Haolun Cheng is removed! |