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Group 84

GUI Program tests

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| Test Case | Description | Sample Input | Expected result/ output |
| 1 | Adding Blank Everything to the list | Blank First Name  Blank Last Name  Blank Credit  Press Add button | E: Student first name cannot be blank.  Student last name cannot be blank.  Credits cannot be left blank and must be an integer!  O:Student first name cannot be blank.  Student last name cannot be blank.  Credits cannot be left blank and must be an integer! |
| 2 | Testing credits not more than 0 | First Name: Jonathan  Last Name: Li  Credit:-12 | E: Credits must be more than 0!  O: Credits must be more than 0! |
| 3 | Testing funds less than 0 | First Name: Jonathan  Last Name: Li  Credit:-12  Instate, Funds: -10 | E: Funds must be more or equal to zero!  O: Funds must be more or equal to zero! |
| 4 | Testing when credit entered non-integers | First Name: Jonathan  Last Name: Li  Credit:hello | E: Credits cannot be left blank and must be an integer!  O: Credits cannot be left blank and must be an integer! |
| 5 | Testing when funds entered non-integers | First Name: Jonathan  Last Name: Li  Credit:12  Instate,Funds:hey | E: Funds must be an integer!  O: Funds must be an integer! |
| 6 | Instate choosing tri-state student or Exchange student | Selecting Instate Student | E:  O: |
| 7 | Outstate choosing and entering funds or selecting Exchange student | Selecting Outstate Student | E:    O: |
| 8 | International choosing and entering funds or selecting tri-state student | Selecting International Student | E:    O: |
| 9 | Part time student entering funds will be added with warning, when computed funds will not be added | First Name: Jonathan  Last Name: Li  Credit:9  Instate, Funds: 1000 | E:  (Warning: Part time in-state students are not eligible for funding)  Student Jonathan Li is now added to the student list.  O:  (Warning: Part time in-state students are not eligible for funding)  Student Jonathan Li is now added to the student list. |
| 10 | Adding a student with the same first name and last name | First Name: Jonathan  Last Name: Li  Credit:12  Instate, Funds: 1000  First Name: Jonathan  Last Name: Li  Credit:15  Outstate, tri-state: false | E:  Student Jonathan Li is now added to the student list.  Student Jonathan Li is already on the list.  O:  Student Jonathan Li is now added to the student list.  Student Jonathan Li is already on the list. |
| 11 | Printing empty list | Press print button | E:  We have 0 students!  O:  We have 0 students! |
| 12 | Remove student from empty list | First Name: Jonathan  Last Name: Li  Press Remove Button | E:  The student list is currently empty, no students to remove.  O:  The student list is currently empty, no students to remove. |
| 13 | Remove student that’s not on the list | First Name: Jihun  Last Name: Joo  Press Remove Button | E:  Student Jihun Joo is not on the list.  O:  Student Jihun Joo is not on the list. |
| 14 | Removing Blank Everything | Blank First Name  Blank Last Name  Blank Credit  Press Remove button | E:  Student first name cannot be blank.  Student last name cannot be blank.  O:  Student first name cannot be blank.  Student last name cannot be blank. |
| 15 | Adding International with less than 9 credits | First Name: Jonathan  Last Name: Li  Credit:8  International, exchange:true | E:  International students must enroll at least 9 credit hours.  O:  International students must enroll at least 9 credit hours. |
| 16 | Adding Instate | First Name: Jonathan  Last Name: Li  Credit:13  Instate, funds:0 | E:  Student Jonathan Li is now added to the student list.  O:  Student Jonathan Li is now added to the student list. |
| 17 | Adding Outstate | First Name: Joey  Last Name: Lin  Credit:8  Outstate, tri-state:true | E:  Student Joey Lin is now added to the student list.  O:  Student Joey Lin is now added to the student list. |
| 18 | Adding International | First Name: Jack  Last Name: Liu  Credit:12  International, exchange:true | E:  Student Jack Liu is now added to the student list.  O:  Student Jack Liu is now added to the student list. |
| 19 | Printing Non-empty list | Pressing print | E:  We have the following students:  Jonathan Li 13 credit hours Instate, Funds: 0, Tuition Due: $7070  Joey Lin 8 credit hours Outstate, Tristate, Tuition Due: $6894  Jack Liu 12 credit hours International, Exchange Student, Tuition Due: $1791  -- end of the list --  O:  We have the following students:  Jonathan Li 13 credit hours Instate, Funds: 0, Tuition Due: $7070  Joey Lin 8 credit hours Outstate, Tristate, Tuition Due: $6894  Jack Liu 12 credit hours International, Exchange Student, Tuition Due: $1791  -- end of the list -- |
| 20 | Removing Student on the list | First Name:Jonathan  Last Name:Li  Pressing the remove button | E:  Student Jonathan Li has been removed from the list.  O:  Student Jonathan Li has been removed from the list. |
| 21 | Adding Student with more than 15 credits and student with 15 credits | First Name: Jonathan2  Last Name: Li  Credit:18  Instate, funds:0  First Name: Jonathan  Last Name: Li  Credit:15  Instate, funds:0  Pressing print button | E:  Jonathan Li 15 credit hours Instate, Funds: 0, Tuition Due: $7936  Jonathan2 Li 18 credit hours Instate, Funds: 0, Tuition Due: $7936  O:Jonathan Li 15 credit hours Instate, Funds: 0, Tuition Due: $7936  Jonathan2 Li 18 credit hours Instate, Funds: 0, Tuition Due: $7936 |