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Group 84

Instate tests

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| Test Case | Description | Sample Input | Expected result/ output |
| 1 | Testing the constructor by using toString method | Student a = new Instate("Alex","Riv",11,0);  System.out.println(a.toString()); | E:Alex Riv 11 credit hours Instate, Funds: 0  O: Alex Riv 11 credit hours Instate, Funds: 0 |
| 2 | Testing compareTo method | Student a = new Instate("Alex","Riv",11,0);  Student b=new Instate("Alex","Riv",11,100);  Student c = new Instate("Levi","Riv",12,100);  Student d = new Instate("Papa","Riv",20,100);  Case1:System.out.println(a.compareTo(b));  Case2:System.out.println(a.compareTo(c));  Case3: System.out.println(d.compareTo(a)); | E: case 1: 0  case 2: 1  case 3: -1  O: case 1: 0  case 2: 1  case 3: -1 |
| 3 | Testing tuitionDue method | System.out.println(a.tuitionDue());  System.out.println(b.tuitionDue());  System.out.println(c.tuitionDue());  System.out.println(d.tuitionDue()); | E: 5609  5609  6537  7836  O: 5609  5609  6537  7836 |

Outstate tests

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| Test Case | Description | Sample Input | Expected result/ output |
| 1 | Testing constructor by using toString method | Student a = new Outstate("Alex","Riv",11,true);  Student b = new Outstate("Alex","Riv",11,false);  System.out.println(a.toString());  System.out.println(b.toString()); | E: Alex Riv 11 credit hours Outstate, Tristate  Alex Riv 11 credit hours Outstate, Not Tristate  O: Alex Riv 11 credit hours Outstate, Tristate  Alex Riv 11 credit hours Outstate, Not Tristate |
| 2 | Testing compareTo method | Student a = new Outstate("Alex","Riv",11,true);  Student b = new Outstate("Alex","Riv",11,false);  Student c = new Outstate("Levi","Riv",12,true);  Student d = new Outstate("Papa","Riv",20,false);  System.out.println(a.compareTo(b));  System.out.println(a.compareTo(c));  System.out.println(d.compareTo(a)); | E: 0  1  -1  O: 0  1  -1 |
| 3 | Testing tuitionDue method | System.out.println(a.tuitionDue());  System.out.println(b.tuitionDue());  System.out.println(c.tuitionDue());  System.out.println(d.tuitionDue()); | E: 9162  9162  8113  12781  O: 9162  9162  8113  12781 |

International tests

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| Test Case | Description | Sample Input | Expected result/ output |
| 1 | Testing constructor by using toString method | Student a = new International("Alex","Riv",11,true);  Student b = new International("Alex","Riv",11,false);  System.out.println(a.toString());  System.out.println(b.toString()); | E: Alex Riv 11 credit hours International, Exchange Student  Alex Riv 11 credit hours International, Not Exchange Student  O: Alex Riv 11 credit hours International, Exchange Student  Alex Riv 11 credit hours International, Not Exchange Student |
| 2 | Testing compareTo method | Student a = new International("Alex","Riv",11,true);  Student b = new International("Alex","Riv",11,false);  Student c = new International("Levi","Riv",12,true);  Student d = new International("Papa","Riv",20,false);  System.out.println(a.compareTo(b));  System.out.println(a.compareTo(c));  System.out.println(d.compareTo(a)); | E: 0  1  -1  O: 0  1  -1 |
| 3 | Testing tuitionDue method | System.out.println(a.tuitionDue());  System.out.println(b.tuitionDue());  System.out.println(c.tuitionDue());  System.out.println(d.tuitionDue()); | E:1791  11591  1791  15966  O: 1791  11591  1791  15966 |