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| **Test Suite** | **Test Case** | **Observed Failure** | **Fix** |
| EdgeTester::testParallelLines  And  TriangleTester::testEquilateralTriangle | Comparing slope of an edge w/ positive slope and an edge w/ negative slope whose absolute values are the same | Fixing a previous bug (dealing with Point order mattering when constructing Edges and calculating slope) introduced a new bug where negative slopes were calculated as positive | Added if – else conditions for calculating diffX, diffY, and diffZ in slope functions to deal with order of Points during Edge construction and still give proper result |
| PointTester::testConstructorWithStrings | Constructing a point with three different values | m\_z never initialized | Fixed typo where m\_y was initialized twice, and inititalized m\_z |
| EdgeTester::testEdge01 | Getting slopeZ of a constructed Edge | Comparison operator was != when comparing xyOffest to 0, should have been == | Changed != to == |
| TriangleTester::testInvalid | Trying to construct a Triangle with at least one invalid point | Triangle::m\_invalid was not being set correctly for Points | Added if-else conditions in Point::initialize to properly set m\_valid |
| PointTester::testConstructorWithDoubles | Constructing a point with 0,0,0 | Point::m\_valid not set correctly, comparison operator was incorrect | Changed == to != in Point::checkForInfinity |
| EdgeTester::testEdge01 | Testing to see that getLength returned the proper value | getLength was returning an incorrect value | Fixed arithmetic error in Edge::getLength, diffy = gety0 – getx1, should have been gety0 - gety1 |
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