**WHITEBOX TEST CASES**

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| Function: containsDestination | Data | Expected Result | Description |
| Test 1 | struct Route testRoute = { 0 };  testRoute.points[0] = { 8, 21 };  testRoute.points[1] = { 9, 21 };  testRoute.points[2] = { 9, 22 };  testRoute.points[3] = { 7, 21 };  testRoute.points[4] = { 8, 22 };  testRoute.points[5] = { 7, 22 };  testRoute.numPoints = 5;  shipment.destination = {8,22}; | Return 1 | Test to see If route.point.col is equal to destination.col and route.point.row is equal to destination.row then the function returns 1 |
| Test 2 | struct Route testRoute = { 0 };  testRoute.points[0] = { 7, 17 };  testRoute.points[1] = { 8, 17 };  testRoute.points[2] = { 7, 18 };  testRoute.points[3] = { 7, 19 };  testRoute.points[4] = { 8, 19 };  testRoute.points[5] = { 9, 19 };  testRoute.numPoints = 5;  shipment.destination = {7,18} | Return 0 | Test to see if any point (other than last point) is the destination point then the function returns 0 |
| Test3 | struct Route testRoute = { 0 };  testRoute.points[0] = { 7, 17 };  testRoute.points[1] = { 8, 17 };  testRoute.points[2] = { 8, 19 };  testRoute.points[3] = { 7, 19 };  testRoute.points[4] = { 8, 18 };  testRoute.points[5] = { 9, 19 };  testRoute.numPoints = 5;  shipment.destination = {7,18} | Return 0 | Test to see if route.point.col is not equal to destination.col then the function returns 0 |