# Test Description

**Test Name or ID**: Testing for printInstructions display

**Test Type**: Black box.

**Description**: To test if function produces the correct instructions as expected.

**Setup:** For testing this function, the Visual Studio Console will be used.

**Test Function**: printInstructions()

**Test Scenarios:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Description | Test Data | Expected Result | Actual Result | Pass/Fail |
| No diversion needed | 12L | Ship on BLUE LINE, no diversion | (TBC) | (TBC) |
| First shipment for the destination in argument. Diversion needed | 8Y | Ship on GREEN LINE, divert: 7T, 7U, 7V, 7W, 7X, 7Y, 8Y | (TBC) | (TBC) |
| Same destination but with current truck reaching capacity limit, new route line needed | 8Y | Ship on BLUE LINE, divert 18V, 17V, 16V, 15V, 14V, 13V, 12V, 11V, 10V, 9V, 8V, 7V, 7W, 7X, 7Y, 8Y | (TBC) | (TBC) |
| Invalid Address | 28x | No output | (TBC) | (TBC) |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**Bugs Found**:

(no bugs found in current stage)