# Test Description

**Test Name or ID**: Testing for conversion function - returnInt

**Test Type**: White box

**Description**: Function converts the Letter in the parameter into the value set by project specification

**Setup:**

1. Linking the function returnInt to unit test and use assert (AreEqual) for testing. If the expected result matches the actual results, test case pass.

**Test Function**: int returnInt (**char letter**)

**Test Scenarios:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Description | Test Data | Expected Result | Actual Result | Pass/Fail |
| Receive one character and return corresponding integer | A | 0 | (TBC) | (TBC) |
| F | 5 | (TBC) | (TBC) |
| M | 12 | (TBC) | (TBC) |
| m | -1 | (TBC) | (TBC) |
| 3 | -1 | (TBC) | (TBC) |
| \0 | -1 | (TBC) | (TBC) |
| # | -1 | (TBC) | (TBC) |

**Bugs Found**:

(no bugs found in current stage)