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**Course Code: Sfen3005**

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| **WEAK ROBUST EQUIVALENCE CLASS TESTING** | | | | | | | | | |
| Case ID | Description | Input Data | | | | Expected Output | Actual Output | Status | Comment |
| Locks | Stocks | | Barrels |
| 1 | Enter the value locks = -1 | -1 | | 40 | 45 | Terminates the input loop and proceed  to calculate sales and commission ( if  Sales > 0) | Terminated the input and proceeded to calculate sales and commission | Pass |  |
| 2 | Enter the value less than -1 or equal to  **zero** for locks and other valid inputs | 0 | | 40 | 45 | Value of Locks not in the range 1..70 | Value of Locks are not in rage of 1 and 70 | Pass |  |
| 3 | Enter the value greater than 70 for  locks and other valid inputs | 71 | | 40 | 45 | Value of Locks not in the range 1..70 | Value of Locks are not in range of 1 and 70 | Pass |  |
| 4 | Enter the value less than or equal than  0 for stocks and other valid inputs | 35 | | 0 | 45 | Value of stocks not in the range 1..80 | Value of stocks are not in range of 1 and 80 | Pass |  |
| 5 | Enter the value greater than 80 for  stocks and other valid inputs | 35 | | 81 | 45 | Value of stocks not in the range 1..80 | Value of Stocks are not in range of 1 and 80 | Pass |  |
| 6 | Enter the value less than or equal 0 for  barrels and other valid inputs | 35 | | 40 | 0 | Value of Barrels not in the range 1..90 | Value of Barrels are not in range of 1 and 90 | Pass |  |
| 7 | Enter the value greater than 90 for  barrels and other valid inputs | 35 | | 40 | 91 | Value of Barrels not in the range 1..90 | Value of Barrels are not in range of 1 and 90 | Pass |  |

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| **STRONG ROBUST EQUIVALENCE CLASS TESTING** | | | | | | | | | |
| Case ID | Description | Input Data | | | | Expected Output | Actual Output | Status | Comment |
| Locks | Stocks | | Barrels |
| 1 | Enter the value locks = -1 | -2 | | 40 | 45 | Value of Locks not in the range 1..70 | Value of Locks are not in range of 1 and 70 | Pass |  |
| 2 | Enter the value less than or equal than  0 for stocks and other valid inputs | 35 | | -1 | 45 | Value of stocks not in the range 1..80 | The value of stocks are not in range of 1 and 80 | Pass |  |
| 3 | Enter the value less than or equal 0 for  barrels and other valid inputs | 35 | | 40 | -2 | Value of Barrels not in the range 1..90 | The value of Barrels are not in range of 1 and 90 | Pass |  |
| 4 | Enter the locks and stocks less than or equal to 0 and other valid inputs | -2 | | -1 | 45 | Value of Locks not in the range 1..70 | The value of Locks are not in range of 1 and 70 | Pass |  |
| Value of stocks not in the range 1..80 | The value of Stocks are not in range of 1 and 80 | Pass |  |
| 5 | Enter the locks and barrel less than or  equal to 0 and other valid inputs | -2 | | 40 | -1 | Value of Locks not in the range 1..70 | The value of Locks are not in range of 1 and 70 | Pass |  |
| Value of Barrels not in the range 1..90 | The value of Barrels are not n range of 1 and 90 | Pass |  |
| 6 | Enter the stocks and barrel less than or  equal to 0 and other valid inputs | 35 | | -1 | -1 | Value of stocks not in the range 1..80 | The value of Stocks are not in range of 1 and 80 | Pass |  |
| Value of Barrels not in the range 1..90 | The value of Barrels are not in range of 1 and 90 | Pass |  |
| 7 | Enter the stocks and barrel less than or  equal to 0 and other valid inputs | -2 | | -2 | -2 | Value of Locks not in the range 1..70 | The value of Locks are not in range of 1 and 70 | Pass |  |
| Value of stocks not in the range 1..80 | The value of stocks are not in range of 1 and 80 | Pass |  |
| Value of Barrels not in the range 1..90 | Th value of barrels are not in range of 1 and 90 | Pass |  |