|  |  |  |  |
| --- | --- | --- | --- |
| Reason For Test Case | Input Values | Expected Output | OK |
| All Valid | 111 88 100 0  539 77 66 33  371 88 77 92 | \*~< Student Exam Report >~\*  ID Exam1 Exam2 Exam3 Max Min AVG P/F  111 88.00 100.00 0.00 100.00 0.00 62.67 F  539 77.00 66.00 33.00 77.00 33.00 58.67 F  371 88.00 77.00 92.00 92.00 92.00 85.67 P  \*\*\* Num of valid data = 3  \*\*\* Num of invalid data = 0  \*\*\* Num of P = 1  \*\*\* Num of F = 2  \*< end >\* |  |
| -invalid exam1  - invalid exam 2  -invalid exam 3  Invalid id  Top exams  Lowest exams  Entering each if statment | 111 88 100 -1  539 101 77 66  100 88 77 99  1000 88 66 0  333 66 101 100  123 88 99 77  486 33 44 55  998 70 70 70  654 69 71 70  665 100 100 100  773 0 0 0 | \*~< Student Exam Report >~\*  ID Exam1 Exam2 Exam3 Max Min AVG P/F  111 88.00 100.00 -1.00 ~~ Invalid data! ~~  539 101.00 77.00 66.00 ~~ Invalid data! ~~  100 88.00 77.00 99.00 ~~ Invalid data! ~~  1000 88.00 66.00 0.00 ~~ Invalid data! ~~  333 66.00 101.00 100.00 ~~ Invalid data! ~~  123 88.00 99.00 77.00 99.00 77.00 88.00 P  486 33.00 44.00 55.00 55.00 55.00 44.00 F  998 70.00 70.00 70.00 70.00 70.00 70.00 P  654 69.00 71.00 70.00 71.00 70.00 70.00 P  665 100.00 100.00 100.00 100.00 100.00 100.00 P  773 0.00 0.00 0.00 0.00 0.00 0.00 F  \*\*\* Num of valid data = 6  \*\*\* Num of invalid data = 5  \*\*\* Num of P = 4  \*\*\* Num of F = 2  \*< end >\* |  |
| One valid record | 111 88 100 99 | \*~< Student Exam Report >~\*  ID Exam1 Exam2 Exam3 Max Min AVG P/F  111 88.00 100.00 99.00 100.00 99.00 95.67 P  \*\*\* Num of valid data = 1  \*\*\* Num of invalid data = 0  \*\*\* Num of P = 1  \*\*\* Num of F = 0  \*< end >\* |  |
| One invalid record | 100 101 -1 103 | \*~< Student Exam Report >~\*  ID Exam1 Exam2 Exam3 Max Min AVG P/F  100 101.00 -1.00 103.00 ~~ Invalid data! ~~  \*\*\* Num of valid data = 0  \*\*\* Num of invalid data = 1  There is no Valid data to count P and F  \*< end >\* |  |