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| --- | --- | --- | --- |
| Reason For Test Case | Input Values | Expected Output | Observed Output |
| -Normal data (one record) | 1111 1 10 | Stud Id AVG of Quizzes  1111 10.00  >>>Mean of AVG of Quizzes: 10.00  >>>There were 1 students & 1 quizzes in file. |  |
| -Normal data (Multiple records)  -Zero as input for exam scores | 2222 2 50 60  3333 3 0 0 0 | Stud Id AVG of Quizzes  2222 55.00  3333 0.00  >>>Mean of AVG of Quizzes: 27.50  >>>There were 2 students & 5 quizzes in file. |  |
| -No Data (end of file) |  | Stud Id AVG of Quizzes  There is no enough data to calculate the Mean of the AVG for it !  >>>There were 0 students & 0 quizzes in file. |  |
| -Zero number of quizzes (One Record) | 4444 0 | Stud Id AVG of Quizzes  4444 No Quizzes  There is no enough data to calculate the Mean of the AVG for it !  >>>There were 1 students & 0 quizzes in file. |  |
| -Zero Number of Quizzses (multiple records) | 5555 0  6666 0 | Stud Id AVG of Quizzes  5555 No Quizzes  6666 No Quizzes  There is enough data to calculate the Mean of the AVG for it !  >>>There were 2 students & 0 quizzes in file. |  |
| -Mixed input of everything ( zero number of quizzes, Normal data, zero as exam scores) | 1111 3 20 15 10  2222 0  3333 2 0 0  4444 4 40 60 50 40 | Stud Id AVG of Quizzes  1111 15.00  2222 No Quizzes  3333 0.00  4444 47.50  >>>Mean of AVG of Quizzes: 20.83  >>>There were 4 students & 9 quizzes in file. |  |