

prog6 - Abdulrahman Zaiter

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EXAM_MAX ← 100.00 EXAM_MIN ← 0.00 ID_MAX ← 9999 ID_MIN ← 1111 PASS_SCORE ← 70
input(studName) input(studId) input(exam1) input(exam2) input(exam3)
examAvgSum ← 0
output("^^< Stud Exam Report>^^")
output("Name", "Stud Id", "Exam 1", "Exam 2", "Exam 3", "AVG", "Passed/Failed")

```

WHILE There is data DO

IS ((exam1 >= EXAM_MIN && exam1 <= EXAM_MAX) && (exam2 >= EXAM_MIN && exam2 <= EXAM_MAX) && (exam3 >= EXAM_MIN && exam3 <= EXAM_MAX) && (studId >= ID_MIN && studId <= ID_MAX)) ?

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examAvg ← (exam1 + exam2 + exam3)/3
examCount ← examCount + 1
examAvgSum ← examAvgSum + examAvg

```

output(studName, studId, exam1, exam2, exam3, "~~ Invalid Data~~")

Is (examAvg >= PASS_SCORE) ?

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passingString ← "PASSED"

passingString ← "FAILED"

output(studName, studId, exam1, exam2, exam3, examAvg, passingString)

input(studName) input(studId) input(exam1) input(exam2) input(exam3)

Is examCount > 0

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avgMean = examAvgSum / examCount
output("Mean of AVG = ", avgMean)

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output("There is no valid data to calculate the means of the AVG for it!")

output("^^< end >^^")