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Cis 1400

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Decs: Test Average Calculator

Main()

Declare average; testgrade; grade

Display “Enter 5 test scores to see the grade and calculate the average”

testsScore1 = float(getValidScore())

testsScore2 = float(getValidScore())

testsScore3 = float(getValidScore())

testsScore4 = float(getValidScore())

testsScore5 = float(getValidScore())

average = calcAverage(testScore1, testScore2, testScore3, testScore4, testScore5)

Display “ The average is” , average

Display “ The average letter grade is” , determineGrade(average)

Display “ The first test score is” , determineGrade(testScore1)

Display “ The secomd test score is” , determineGrade(testScore2)

Display “ The third test score is” , determineGrade(testScore3)

Display “ The fourth test score is” , determineGrade(testScore4)

Display” The fifth test score is “ , determineGrade(testScore5)

calcAverage(testScore1, testScore2, testScore3, testScore4, testScore5)

Declare average(testScore1 + testScore2 + testScore3 + testScore4 + testScore5) / 5

Return average

DetermineGrade(testGrade)

If testGrade <= 100 and testGrade >= 90

Grade = ‘A’

Elif testGrade < 90 and testGrade >= 80

Grade = ‘B’

Elif testgrade < 80 and testGrade >= 70

Grade = ‘C’

Elif testgrade < 70 and testGrade >= 60

Grade = ‘D’

Else

Grade = ‘F’

Return grade

isInValidScore(tScore)

status = True

if not tscore.replace(‘.’, ‘’, 1) .isnumeric()

status = True

else

status = False

return status

getValidScore()

Delcare tScore

Display “Enter a test score”

While isInValidScore (tScore)

tScore = input “Please enter a valid test score”

return tScore

main()