*'''*

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# CS A131

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# ICA

# Filename: ICA8Average

def **main**():

average = 0.0

score1 = 0.0

score2 = 0.0

score3 = 0.0

score4 = 0.0

score5 = 0.0

score1 = float(input(*"Enter Score #1: "*))

score2 = float(input(*"Enter Score #2: "* ))

score3 = float(input(*"Enter Score #3: "* ))

score4 = float(input(*"Enter Score #4: "* ))

score5 = float(input(*"Enter Score #5: "* ))

average = calc\_average(score1, score2, score3, score4, score5)

print(*"Scores\t\tNumeric Grade\t\tLetter Grade"*)

print(*"----------------------------------------------------"*)

print(*"Test 1= "*,*"\t"*,score1,*"\t\t\t"*,determine\_grade(score1))

print(*"Test 2= "*,*"\t"*,score2,*"\t\t\t"*,determine\_grade(score2))

print(*"Test 3= "*,*"\t"*,score3,*"\t\t\t"*,determine\_grade(score3))

print(*"Test 4= "*,*"\t"*,score4,*"\t\t\t"*,determine\_grade(score4))

print(*"Test 5= "*,*"\t"*,score5,*"\t\t\t"*,determine\_grade(score5))

print(*"Average Score:\t"*,average,*"\t\t\t"*,determine\_grade(average))

def **calc\_average**(s1,s2,s3,s4,s5):

return (s1+s2+s3+s4+s5)/5.0

def **determine\_grade**(grade):

if grade >=89.5:

result= *'A'*

elif grade >= 79.5:

result =*'B'*

elif grade >= 69.5:

result =*'C'*

elif grade >=59.5:

result = *'D'*

else:

result= *'F'*

return result

main()

