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# I was supposed to put a comment here
# Pouatcha
#07/09/2024

# This program takes a number grade , determines average and displays letter grade for average.

# Enter grades for six modules

mod_1 = float(input('Enter grade for Module 1: '))
mod_2 = float(input('Enter grade for Module 2: '))
mod_3 = float(input('Enter grade for Module 3: '))
mod_4= float(input('Enter grade for Module 4: '))
mod_5 = float(input('Enter grade for Module 5: '))
mod_6 = float(input('Enter grade for Module 6: '))

# add grades entered to a list

grades = [mod_1, mod_2, mod_3, mod_4, mod_5, mod_6]
# TO DO: determine lowest, highest , sum and average for grades

low = min(grades)
high = max(grades)
sum1 = sum(grades)
avg = sum1/len(grades)
print('-----Results-----')
# determine letter grade for average

if avg >= 90:
    print('Your grade is: A')
else:
    if avg > 80:
        print('Your grade is: B')
    else:
        if avg > 70:
            print('Your grade is: C')
        else:
            if avg > 60:
                print('Your grade is: D')
            else:
                print('Your grade is: F')

# TO DO: finish this
```