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#CTI-110
#P2HW2 - List
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print("This program calculates statistics from student's grades and displays those results ")
print()

#Ask user to enter grades for Module 1
module_1 = float(input("Please Enter your  grades for Module 1: "))
print()
#Ask user to enter grades for Module 2
module_2 = float(input("Please Enter your  grades for Module 2: "))
print()
#Ask user to enter grades for Module 3
module_3 = float(input("Please Enter your  grades for Module 3: "))
print()
#Ask user to enter grades for Module 4
module_4 = float(input("Please Enter your  grades for Module 4: "))
print()
#Ask user to enter grades for Module 5
module_5 = float(input("Please Enter your  grades for Module 5: "))
print()
#Ask user to enter grades for Module 6
module_6 = float(input("Please Enter your  grades for Module 6: "))
print()
print()

#Program to calculate statistics from student's  grades.

grade = [module_1, module_2, module_3, module_4, module_5, module_6]

lowest_grade = min(grade)
highest_grade = max(grade)

# Calculate total sum of grades
totalSum = float( module_1 + module_2 + module_3 + module_4 + module_5 + module_6 )

# Calculate the average of grades
totalAverage = float( (module_1 + module_2 + module_3 + module_4 + module_5 + module_6)/6 )

#Display results
print("-----Results-----")
print(f'Lowest Grade:         {lowest_grade:.1f}')
print(f'Highest Grade:         {highest_grade:.1f}')
print(f'Sum of Grades:         {totalSum:.1f}')
print(f'Average:              {totalAverage:.2f}')
print("-----")

```