

```
#P3HW_1 Debugging
#Alnajjar
#This program takes a number of grade, determines average and displays letter grade for avarage.
#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: "))

grades = [mod_1,mod_2,mod_3,mod_4,mod_5,mod_6]

low = min(grades)
high = max(grades)
sum = sum(grades)

avg = sum/len(grades)

print("-----Results-----")
print("Lowest Grade:      %.2f"%low)
print("Highest Grade:     %.2f"%high)
print("Sum of Grades:      %.2f"%sum)
print("Average:           %.2f"%low)
print("-----")

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