Write a program that requests five grades as input, drops the lowest two grades, and displays the range and average of the remaining three grades. *Note*: The range of a set of numbers is the difference between the highest and lowest numbers. Figure 1 shows a possible display of the program.

Figure 1: Possible output displayed by the program

Enter grade 1: 90

Enter grade 2: 75

Enter grade 3: 85

Enter grade 4: 72

Enter grade 5: 80

Range: 10

Average: 85

1. Analyse the problem to **identify** and **list** all:
   1. input(s)
   2. processes
   3. output(s)
2. **Illustrate** an *algorithm* for the flow of your program **using** either a *flowchart* **OR** *pseudocode*.