

OODP Workshop 5

1. Consider the following program specification:

Write a program that will prompt the user for 10 integer values and stores them in an array. The values entered by the user only be between 0 and 100 and the program should validate these appropriately. The program should then:

- ☐ Display the average of the values
- ☐ Display the highest value in the array
- ☐ Display the lowest value in the array

- a. Discuss how the values should be validated. What control structures could be used?

2. You have been asked to store the IDs and scores of competitors in three rounds of a game using a 2D Array and display the scores on the screen from the same 2D array. Following is the data:

ID	Score 1	Score 2	Score 3
123	23	12	24
234	34	10	32
345	12	34	21
456	10	23	21
567	10	19	23