# 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
  1. Discuss how the values should be validated. What control structures could be used?

1. 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 |