C++ Arrays (Lecture Activities)

Group Works

Exercise 1 (15 min)

1. Declare an array of integers scores with 4 elements.
2. Put in the array with the follows: 20, 15, 12, 47
3. Declare an array of string title with 4 elements.
4. Initialize the array with the follows: "Mid1", "Mid2", "Final", "total".
5. Print the two table of grads (score and title) using for loop.

The output will as the follows

Mid1   20
Mid2   15
Final   12
Total   47

Exercise 2 (15 min)

1. Declare an array of string title with 4 elements.
2. Initialize the array with the follows: "Mid1", "Mid2", "Final", "total".
3. Declare an array of integers scores with 4 elements.
4. Read a three scores and add them to the array
5. Using the loop to read from the array the three scores and calculate the sum of them and put the result in the fourth array element.
6. Declare an array of float percentage with 4 elements.
7. Calculate the percentage of the score in each of element. If you know the full mark is 60
8. Print the three arrays. The output should be as follows

Enter your score in Mid1: 20
Enter your score in Mid2: 15
Enter your score in Final: 12

Mid1   20   33.3%
Mid2   15   25.0%
Final   12   20.0%
Total   47   78.3%

Individual Works

Write a program that reads 5 strings and print them in reverse order.