**Sheet # 6**

**Question #2:** Write visual basic Programs

1. Write a program that have a one dimensional array with 10 elements and then calculate the maximum array element and the minimum array element (**without using** the built in functions arrayName.Min and arrayMin.Max) then display the result.

Example:

ArrayName = {20, 10, 5, 17, 18, 19, -10, 200, 12, 10}

1. **(Grade Analyzer)** Write a program that analyses student grades of CT 1311 and CT 1314 courses which are as follows:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AmalCT 1311 | Ahlam | Enas | Faten | Hend | Jamelah | Khuloud | Lamya | Nadya | Rema |
| 90CT 1314 | 93 | 61 | 77 | 89 | 72 | 99 | 82 | 68 | 59 |
| 100 | 87 | 78 | 69 | 75 | 94 | 81 | 60 | 97 | 40 |

Your program should classify these map these grades into its corresponding letters (A+,A,B+,B,C+,C,D+,D,F} and stores the result in a two dimensional array. Then print the result as shown below:



1. Write a program that reads 3 sentences consisting of **only three words** for each one as follows:



The First sentence is separated by (-) 🡪 word1-word2-word3

The second separated by (,) 🡪 word1,word2,word3

And the last one separated by (;) 🡪 word1;word2;word3

Then store these 3 sentences in a two dimensional (3 by 3) array and display the output as shown above.