 **Foundation Certificate in Information Technology**

**Semester 1**

**Tutorial 09- One Dimensional Arrays**

1. Write a **pseudocode** to do the followings,
2. Declare an array with size 5 and take user input to fill the array
3. Swap first and last element of the array
4. Display the values which are stored in first and last index
5. Write a **pseudocode** to accept 10 values from the user and Display the largest and the smallest element.
6. Table shows the marks scored by students for the subject mathematics. Answer the questions i – iii using table.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Array Index | 0 | 1 | 2 | 3 | 4 |
| Student Name | A | B | C | D | E |
| Marks | 10 | 25 | 65 | 100 | 98 |

1. Create an array of size 5, get the marks as user input and fill the array
2. Find and print the array index which has highest marks
3. Display the name of the student who has the highest marks.
4. Write **pseudocode** for the following program description.

A program reads the word ‘LIVE’ and stores it in an array. The user enters the letters one by one. Then it prints the contents of the array in the reverse order to spell ‘EVIL’.