**Programming with C Language**

**Tutorial 07 – Working with Multi-Dimensional Arrays (Matrix)**

**Write a C program for the followings;**

Declare two 3 x 3 square matrices and display the matrix sum.

Following illustration shows the process of calculating the matrix sum. The values are used as samples.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | 2 | 4 | + | 2 | 6 | 3 | = | 5 | 8 | 7 |
| 1 | 4 | 6 | 4 | 3 | 2 | 5 | 7 | 8 |
| 4 | 3 | 2 | 5 | 1 | 7 | 9 | 4 | 9 |