

Two Dimensional Array in C

Two dimensional array are those type of array which has finite number of row and finite number columns.the declaration of two dimensional array is.

Declaration

```
datatype array_name[row_size][column_size];
```

Example

```
#include<stdio.h>
#include<conio.h>

void main()
{
    int a[2][2],i,j;

    printf("Enter the 4 elements of matrix: ");
    for(i=0;i<2;i++)
    {
        for(j=0;j<2;j++)
        {
            scanf("%d",&a[i][j]);
        }
    }

    printf("\nThe matrix is\n");
    for(i=0;i<2;i++)
    {
        printf("\n");
        for(j=0;j<2;j++)
        {
            printf("%d\t",a[i][j]);
        }
    }

    getch();
}
```