Array

An array stores more than one values of the same data type, under a collective name.

```
data_type array_name[size];
```

Example:

```c
char city[15];
//-- Declares an array of 15
//-- characters. The name of the
//-- array is city.
Example:
char name[4] = {'A', 'B', 'C', 'D' };

int marks[10];
//-- Declares an array of 10
//-- integers. The name of the
//-- array is marks.
Example:
int num[4] = { 2, 4, 6, 8};
```

Double-subscripted Array Declaration

```
data_type array_name[row_size][column_size];
```

Example:

```c
char book[2][3];
//-- Declares a double-subscripted array of 2 rows, 3 columns
//-- characters. The name of the array is book.

int marks[3][1];
//--Declares a double-subscripted array of 3 rows, 1 column
//--integers. The name of the array is marks.
```