

Arrays in C

An array is a collection of similar data elements stored under a single variable name.

Syntax:

```
datatype array_name[size];
```

Example:

```
int numbers[5] = {1, 2, 3, 4, 5};
```

Accessing elements:

```
printf("%d", numbers[2]); // Output: 3
```

Types of Arrays:

1. One-dimensional array
2. Two-dimensional array (matrix)
3. Multi-dimensional array