

## Array

An array is a collection of elements of the same data type.

```
dataType[] variableName = new dataType[size];
```

*index* – position of an element in the array.

### Accessing array elements

```
variableName[index];
```

### Length of an array

```
variableName.length;
```

## Multi-dimensional Array

Java treats a multi-dimensional array as an array of arrays.

```
dataType[][][]... variableName = new dataType[size][][] ...;
```

### Jagged Array

An array of arrays in which the individual arrays are of different lengths.