

Unit 8 → 2D Arrays

2D Arrays

- Array that stores arrays
- `type [rows] [columns] array = new type[#rows] [#columns]`
 - Rows → first bracket
 - Columns → second bracket
- Row Major Order → Process of traversing through a 2D array by moving one row into the next
- Column Major Order → Process of traversing through a 2D array by moving one column into the next
- Length of columns → `array[0].length`
- Length of rows → `array.length`

Traversing 2D Arrays

- Row major order
 - Traverse a 2D array across each row
 - Double for loop starting with row
- Column major order
 - Traverse a 2D array down each row, by the columns
 - `[column] [row]`