

int m[4][6]

a) m[1][3]

- Type: int

- A single element in the array.

- Address: &m[1][3] - type is int*

b) m[0]

- Type: int*

- A pointer point to the first element of row[0]. - an array of 6 integers.

c) m

- Type: int(*)[6]

- A pointer point to the first row of 2D-matrix, pointer to the array of int with 6 elements.

2. Write code to access m[2][4] without using operator [].

((m + 2) + 4)

More Explanation:

m is a level-2 pointer, points to the first row of matrix (m[0] → m[3])

→ m points to m[0]

* (m + 2) → m[2]

* (* (m + 2) + 4) → m[2][4]