2D ARRAY-LAB 2

# **Memory Allocation**:

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| --- | --- |
| * We dynamically allocate memory for a 2x2 array using new int\*[rows] to create an array of pointers, and then allocate memory for each row using new int[columns]. |  |

# **Input**:

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| --- | --- |
| * We use nested loops to take input for each student's scores in two subjects. * The notation marks[i][j] is used to access each element. |  |

# **Display**:

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| --- | --- |
| * We display the scores in a formatted table using nested loops and the marks[i][j] notation. |  |

# **Memory Deallocation**:

|  |  |
| --- | --- |
| * We deallocate the memory using delete[] for each row and then for the array of pointers to avoid memory leaks. |  |

# **Output:**

