|  |  |
| --- | --- |
| **All Subarray in C++** | |
| #include <iostream>  using namespace std;  int main() {  int arr[] = {1, 2, 3, 4};  int n = sizeof(arr) / sizeof(arr[0]);  for (int sp = 0; sp < n; sp++) {  for (int ep = sp; ep < n; ep++) {  for (int i = sp; i <= ep; i++) {  cout << arr[i] << " ";  }  cout << endl;  }  }  return 0;  } | **Input:**  arr[] = {1, 2, 3, 4};  **🌀 Loop Structure:**   * sp: Start point of subarray * ep: End point of subarray * i: Index for printing elements from sp to ep   **📋 Dry Run Table:**   | **sp** | **ep** | **Subarray Printed** | | --- | --- | --- | | 0 | 0 | 1 | | 0 | 1 | 1 2 | | 0 | 2 | 1 2 3 | | 0 | 3 | 1 2 3 4 | | 1 | 1 | 2 | | 1 | 2 | 2 3 | | 1 | 3 | 2 3 4 | | 2 | 2 | 3 | | 2 | 3 | 3 4 | | 3 | 3 | 4 |   **📤 Output:**  1  1 2  1 2 3  1 2 3 4  2  2 3  2 3 4  3  3 4  4 |
| 1  1 2  1 2 3  1 2 3 4  2  2 3  2 3 4  3  3 4  4 | |