

All Subarray in C++																																		
<pre>#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; }</pre>	<p>Input:</p> <p>arr[] = {1, 2, 3, 4};</p> <p>Loop Structure:</p> <ul style="list-style-type: none">sp: Start point of subarrayep: End point of subarrayi: Index for printing elements from sp to ep <p>Dry Run Table:</p> <table><tr><th>sp</th><th>ep</th><th>Subarray Printed</th></tr><tr><td>0</td><td>0</td><td>1</td></tr><tr><td>0</td><td>1</td><td>1 2</td></tr><tr><td>0</td><td>2</td><td>1 2 3</td></tr><tr><td>0</td><td>3</td><td>1 2 3 4</td></tr><tr><td>1</td><td>1</td><td>2</td></tr><tr><td>1</td><td>2</td><td>2 3</td></tr><tr><td>1</td><td>3</td><td>2 3 4</td></tr><tr><td>2</td><td>2</td><td>3</td></tr><tr><td>2</td><td>3</td><td>3 4</td></tr><tr><td>3</td><td>3</td><td>4</td></tr></table> <p>Output:</p> <p>1</p> <p>1 2</p> <p>1 2 3</p> <p>1 2 3 4</p> <p>2</p> <p>2 3</p> <p>2 3 4</p> <p>3</p> <p>3 4</p> <p>4</p>	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
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