

CLA Chapter 5 Practice Quiz



C++ Institute Volunteer Program 2015-2016

AUTHOR: PRACHI PODDAR PRACHI.PODDAR108@GMAIL.COM

AUTHOR'S BIO: Prachi works at EdgeVerve, India as a product engineer (research and development). Her areas of interest are big data analysis, databases and conceptual programming in C, C++ & JAVA. Her hobbies are playing tennis and reading books.

Chapter: 5	Array vs. structures: different aggregates for different puposes		
Section: 3	Arrays of arrays: multidimensional arrays		
C Associate (CLA)	Chapter: 5	Section: 3	Question type: single-choice
Subject: Multidimensional array			Question Number: 7
Question: What will be output if you will compile and execute the following C code?			
<pre>#include<stdio.h> int main(){ int array[2][2][3]={0,1,2,3,4,5,6,7,8,9,10,11}; printf("%d", array[1][0][2]); return 0; }</pre>			
A) 4 B) 5 C) 6 D) 7 E) 8			

ANSWER KEY

Correct answers:

Q1 – E

Explanation: `array[1][0][2]` means $1*(2*3)+0*(3)+3=9^{\text{th}}$ element of array starting from zero i.e. 8.