CLA Chapter 4 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: 4	Aggregating data into arrays		
Section: 1	switch - the different face of 'if'		
C Associate (CLA)	Chapter: 4	Section: 1	Question type: single-choice
Subject: Switch-Case			Question Number: 1
Question: Which of the following cannot be checked in a switch-case statement?			
A) Character B) Integer C) Float D) None of the above			

Chapter: 4	Aggregating data into arrays		
Section: 2	Vectors: why do you need them?		
C Associate (CLA)	Chapter: 4	Section: 2	Question type: single-choice
Subject: Initializing the array elements			Question Number: 2

Question: What will be output if you will compile and execute the following C code?

```c
#include<stdio.h>
int main(){
 int array[3] = {5};
 int i;
 for(i=0;i <= 2;i++)
   printf("%d ",array[i]);
 return 0;
}
```

A) 5   garbage   garbage
B) 5   0   0
C) 5   null   null
D) Compiler error
E) None of these

Correct answers:
Q1 – C

Explanation: The switch/case statement in the C language is defined by the language specification to use an int value, so you cannot use a float value. Characters are allowed because while comparing ASCII values are used which again are integers.

Correct answers:
Q2 – B

Explanation: Storage class of an array which initializes the element of the array at the time of declaration is static. Default initial value of static integer is zero.