*WORKSHEET C++*

**----------------------------------------------------------------------------**

**1. Which of the following statements about the array are not true?**
a. To use an array, previously it is declared and defined.
b. A one-dimensional array can store data in the form of table with many rows and columns.
c. The position of every element of the array is used to access that element that position.
d. A one-dimensional array can store different types of data

**2. When an array is partially initialized, the rest of its elements will automatically be set to zero.**a.True b. False

**3. The whole array can be passed to a function. However, it can't be changed by the code in that** function.
a.True b. False

**4. A two-dimensinal array represents data in the form of table with rows and columns.**a.True b. False

**5. If you have an array of 20 elements, what is the good way to assign a value to each element?**a.Assigning each element individually without using a loop
b.Using a loop to assign a value to each element

*OUPUT OF THE FOLLOWING*

**1. What would be printed from the following C++ program?**#include<iostream>
#include<conio.h>
using namespace std;
int main(){
  int arr[5]={1,3,5,7,9}; //initialize arr array
  int i;
  for(i=0;i<5;i++) //output arr array
       cout<<arr[i]\*arr[i]<<"\t";
  getch();
  return 0;
}

**2. What would be printed from the following C++ program?**#include<iostream>
#include<conio.h>
using namespace std;
int main(){
  int arr[5]={1,3,5,7,9}; //initialize arr array
  int i;
  for(i=4;i>=0;i--) //output arr array
       cout<<arr[i]<<"\t";
  getch();
  return 0;
}

**3.What would be printed from the following C++ program?**#include<iostream>
#include<conio.h>
using namespace std;

int main(){
  int list1[5]={1,3,5,7,9}; //initialize list1 array
  int list2[5];
  int i;
  for(i=0;i<5;i++)
      list2[i]=list1[i]+1; //assign values to list2
  for(i=0;i<5;i++) //output list2
      cout<<list2[i]<<"\t";
  getch();
  return 0;

}

**4. What would be printed from the following C++ program?**#include<iostream>
#include<conio.h>
using namespace std;
int main(){
   int list[10]={1,2,3,4,5,6,7,8,9,10}; //initialize list array
   int i;
   for(i=0;i<5;i++)
   { //switching elements
      int temp=list[i];
      list[i]=list[9-i];
      list[9-i]=temp;
   }
   for(i=0;i<10;i++) //output list
       cout<<list[i]<<"\t";
   getch();
   return 0;

}

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