

NAME: NITHISH.G

REG NO: 19BCS0012

SUBJECT: DATA STRUCTURE

**2. Write a C program to copy one array elements to another array using pointers.**

**#include<stdio.h>**

**#include<conio.h>**

**int main()**

**{**

**int a[10],b[10],\*ptr[10];**

**int i,n;**

**printf("\n \t enter the size of the array : ");**

**scanf("%d",&n);**

**for(i=0;i<n;i++)**

**{**

**scanf("%d",&a[i]);**

**}**

**printf(" the elements in the first array A is : ");**

**for(i=0;i<n;i++)**

**{**

**printf(" %d ,",a[i]);**

**}**

**for(i=0;i<n;i++)**

**{**

**ptr[i]=&a[i];**

**b[i]=\*ptr[i];**

**}**

**printf(" \n\nthe elements in the first array A is copied to the second array B ");**

**printf("\n\n\t by the pointer variable \*ptr \n\n\t");**

**for(i=0;i<n;i++)**

**{**

**printf(" %d , ",b[i]);**

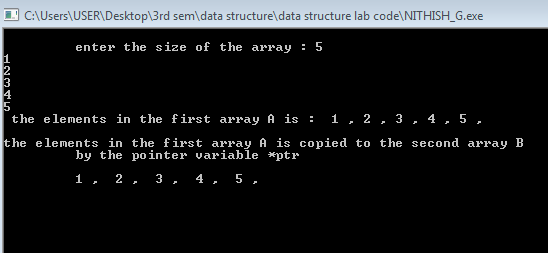
**}**

**getch();**

**return 0;**

**}**

**Output**

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