Question no : 12.1

Date : 29-11 -2024

Question : Allocate n memory locations, read elements and display the same using malloc()

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Author : Amal Biju

Roll no : 5

Semester : 1

Programme : BSC(DA)

#include <stdio.h>

#include <stdlib.h>

int main()

{

int n;

int i;

printf("Enter the number of elements: ");

scanf("%d", &n);

int \*arr = (int\*)malloc(n \* sizeof(int));

printf("Enter %d elements:\n", n);

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

{

printf("Element %d: ", i + 1);

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

}

printf("\nThe entered elements are:\n");

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

{

printf("%d ", arr[i]);

}

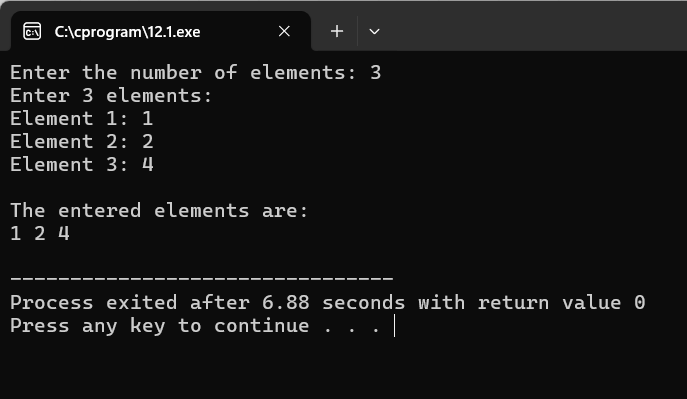
printf("\n");

free(arr);

return 0;

}

**OUTPUT**

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