1. Largest element of array

Code:

#include <stdio.h>

int findLargest(int arr[], int n) {

int i;

int largest = arr[0];

for (i = 1; i < n; i++) {

if (arr[i] > largest) {

largest = arr[i];

}

}

return largest;

}

int main() {

int arr[100], n, i;

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

scanf("%d", &n);

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

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

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

}

int largest = findLargest(arr, n);

printf("The largest element in the array is: %d\n", largest);

return 0;

}

Output:

Enter the number of elements in the array: 10

Enter 10 elements:

1

2

3

9

8

7

6

4

5

100

The largest element in the array is: 100

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Process exited after 18.94 seconds with return value 0

Press any key to continue . . .

