```cpp
//
//  Main.cpp
//  Lab 5b
//
//  Created by Michael Hannigan on 9/28/20.
//

#include <stdio.h>
#include <iostream>
using namespace std;



int main(int argc, const char * argv[]) {
    int size;
    cout<<"Enter how many numbers your array wil be:"<<endl;
    cin>>size;

    int * ptr;

    ptr = new int[size];

    //sets the array
    for(int i = 0; i<size;i++){
        cout<<"Enter number:"<<endl;
        cin>>*(ptr+i);
    }

    //gets the largest int
    int largest = ptr[0];
    cout<<"The array displayed is: ";
    for(int i = 0; i<size; i++){
        cout<<*(ptr + i);
        if(ptr[i]>largest)
            largest = ptr[i];
    }

    cout<<endl;
    cout<<"The largest number is:"<<largest<<endl;


}




///////Output///////
Enter how many numbers your array wil be:
4
Enter number:
3
Enter number:
6
Enter number:
```

9
Enter number:
1
The array displayed is: 3691
The largest number is:9
Program ended with exit code: 0