```cpp
#include<iostream>
using namespace std;

// Max Min

int main(){

    int n;
    cout<<"Enter size of array : ";
    cin>>n;

    int arr[n], max,min, max_ind=0, min_ind=0;

    for(int i=0;i<n;i++){
        cout<<"Enter element for index "<<i<< " : ";
        cin>>arr[i];
    }

    max=arr[0];
    min=arr[0];

    for(int i=0;i<n;i++){
        if(arr[i]>max){
            max = arr[i];
            max_ind = i;
        }

        else if(arr[i]<min){
            min = arr[i];
            min_ind = i;
        }
    }
    cout<<"max index is "<<max_ind<<" and val : "<<max<<" and min index is "<<min_ind<<" and val : "<<min;


    return 0;
}
```