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Programiz C Online Compiler

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main.c

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Run

```
1 #include <stdio.h>
2 int main(){
3     int n, i;
4     int arr[100];
5     printf("enter number of elements:");
6     scanf("%d", &n);
7     printf("enter elements:\n");
8     for(i=0; i<n; i++){
9         scanf("%d", &arr[i]);
10    }
11    int max=arr[0];
12    int min=arr[0];
13    for(i=1; i<n; i++){
14        if(arr[i]>max)
15            max=arr[i];
16
17        if(arr[i]<min)
18            min=arr[i];
19    }
20    printf("largest element is %d\n", max);
21    printf("smallest element is %d\n", min);
22    return 0;
23 }
```

Output

Clear

enter number of elements:5
enter elements:
1
6
9
4
12
largest element is 12
smallest element is 1

=== Code Execution Successful ===

22°C
Partly cloudy

Search

ENG
IN

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15-02-2026

```

#include <stdio.h>
int main() {
    int n, i;
    int arr[100];
    printf("Enter number of elements: ");
    scanf("%d", &n);
    printf("Enter elements: \n");
    for (i = 0; i < n; i++) {
        scanf("%d", &arr[i]);
    }

    int max = arr[0];
    int min = arr[0];
    for (i = 1; i < n; i++) {
        if (arr[i] > max) {
            max = arr[i];
        }

        if (arr[i] < min) {
            min = arr[i];
        }
    }

    printf("Largest element is %d \n", max);
    printf("Smallest element is %d \n", min);

    return 0;
}

```