

main.c

Run Clear

```
1 #include <stdio.h>
2 int main() {
3     int a[100], n, i;
4     int larg, small;
5
6     printf("Enter number of elements: ");
7     scanf("%d", &n);
8
9     printf("Enter %d elements:\n", n);
10    for(i = 0; i < n; i++) {
11        scanf("%d", &a[i]);
12    }
13
14    larg = a[0];
15    small = a[0];
16
17    for(i = 1; i < n; i++) {
18        if(a[i] > larg) {
19            larg = a[i];
20        }
21        if(a[i] < small) {
22            small = a[i];
23        }
24    }
25
26    printf("Largest = %d\n", larg);
27    printf("Smallest = %d\n", small);
28
29    return 0;
30 }
```

Output

```
Enter number of elements: 5
Enter 5 elements:
1
12
3
3
4
Largest = 12
Smallest = 1
== Code Execution Successful ==5
```