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Programiz C Online Compiler

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Clear

main.c

```
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        if(arr[i]<min)
17            min=arr[i];
18    }
19 }
20 printf("largest element is %d\n", max);
21 printf("smallest element is %d\n", min);
22 return 0;
23 }
```

Run

Output

```
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

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ENG IN 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;
```

```
}
```