

```
1  #include<stdio.h>
2
3  int main() {
4      int a[1000], i, n, max, min;
5      printf("Enter the number of input: ");
6      scanf("%d", &n);
7
8      printf("Enter the elements: ");
9      for(i = 0; i < n; i++) {
10         scanf("%d", &a[i]);
11     }
12
13     max = a[0];
14     min = a[0];
15
16     for(i = 1; i < n; i++) {
17         if(a[i] > max)
18             max = a[i];
19     }
20
21     for(i = 1; i < n; i++) {
22         if(a[i] < min)
23             min = a[i];
24     }
25
26     printf("The maximum is: %d\n", max);
27     printf("The minimum is: %d\n", min);
28
29     return 0;
30 }
31
```