```c
#include <stdio.h>

int main()
{
    int n, i;

    printf("Enter number of elements: ");
    scanf("%d", &n);

    int arr[n];

    printf("Enter %d elements:\n", n);
    for(i = 0; i < n; i++) {
        scanf("%d", &arr[i]);
    }

    int largest = arr[0];
    int smallest = arr[0];

    for(i = 1; i < n; i++) {
        if(arr[i] > largest)
            largest = arr[i];

        if(arr[i] < smallest)
            smallest = arr[i];
    }

    printf("Largest element = %d\n", largest);
    printf("Smallest element = %d\n", smallest);

}
```

```
PS C:\Users\Sachith Nandakumar\Desktop\DSA> gcc large.c -o p
PS C:\Users\Sachith Nandakumar\Desktop\DSA> ./p
Enter number of elements: 5
Enter 5 elements:
10
20
30
40
50
Largest element = 50
Smallest element = 10
PS C:\Users\Sachith Nandakumar\Desktop\DSA>
```