```c
#include <stdio.h>
int main() {
    int n;
    printf("Enter the number of elements: ");
    scanf("%d", &n);
    int arr[n];
    for(int i=0;i<n;i++)
    {
        printf("Enter number %d:\n",i+1);
        scanf("%d", &arr[i]);
    }
    int max = arr[0];
    int min = arr[0];
    int sum = 0;
    for (int i = 0; i < n; i++)
    {
        if (arr[i] > max)
            max = arr[i];
        if (arr[i] < min)
            min = arr[i];
        sum += arr[i];
    }
    printf("Maximum value: %d\n", max);
    printf("Minimum value: %d\n", min);
    printf("Sum of elements: %d\n", sum);
```

```
/tmp/sbZbpn2kX6.o
Enter the number of elements: 6
Enter number 1:
1
Enter number 2:
2
Enter number 3:
3
Enter number 4:
4
Enter number 5:
5
Enter number 6:
6
Maximum value: 6
Minimum value: 1
Sum of elements: 21


=== Code Execution Successful ===
```