```cpp
int main {
    int n,i;
    cin >> n;
    int sum = 0;
    int max_num = INT_MIN;
    int min_num = INT_MAX;

    for (i = 0; i < n; i++) {
        int num;
        cin >> num;

        sum += num;

        if (num > max_num) {
            max_num = num;
        }

        if (num < min_num) {
            min_num = num;
        }
    }

    cout << "Sum: " << sum << "Maximum: " << max_num << "Minimum: " << min_num;

    return 0;
}
```