You are given two functions **findMaxMin** and **compute.** Return the values as described in the comments in the editor below.

Code:

```
#include <iostream>
#include <vector>
#include <tuple>
#include <algorithm>
using namespace std;

pair<int, int> findMaxMin(vector<int> &A) {
    int max_val = *max_element(A.begin(), A.end());
    int min_val = *min_element(A.begin(), A.end());
    return make_pair(max_val, min_val);
}

tuple<int, int, int> compute(vector<int> &A) {
    int sum_all = 0, sum_even = 0, sum_odd = 0;

    for (int num : A) {
        sum_all += num;
        if (num % 2 == 0) {
            sum_even += num;
        } else {
            sum_odd += num;
        }
    }

    return make_tuple(sum_all, sum_even, sum_odd);
```

```
}

int main() {
    int n;
    cin >> n;
    vector<int> A(n);
    for (int i = 0; i < n; i++) {
        cin >> A[i];
    }

    pair<int, int> max_min = findMaxMin(A);
    cout << max_min.first << " " << max_min.second << endl;

    tuple<int, int, int> tuple_values = compute(A);
    cout << get<0>(tuple_values) << " " << get<1>(tuple_values) << " " << get<2>(tuple_values) <<
endl;

    return 0;
}
```