

5. 나머지합구하기

```
#include <bits/stdc++.h>
using namespace std;

int n, m;

int main() {
    ios::sync_with_stdio(0);
    cin.tie(0);
```

```
    cin >> n >> m;
    long long ans = 0;

    int tmp = 0;

    vector<long long> map(m, 0);
    for (int i = 1; i <= n; i++) {
        int a;
        cin >> a;
        tmp = (tmp + a)%m;

        map[tmp]++;
        if (tmp == 0) {
            ans++;
        }
    }

    for (int i = 0; i < m; i++) {
        ans += map[i] * (map[i] - 1) / 2;
    }

    cout << ans << "\\n";

    return 0;
```

```
}
```