

题目：DP34 【模板】前缀和<https://www.nowcoder.com/practice/acead2f4c28c401889915da98ecdc6bf?tpId=230&tqId=38960&ru=/exam/oj>

```
1  #include <iostream>
2  #include<vector>
3  using namespace std;
4  int main() {
5      int n = 0;
6      int line = 0;
7      cin >> n >> line;
8      vector<int> arr(n + 1);
9      vector<long long > dp(n+1);
10     for (int i = 1; i <= n; i++) {
11         cin >> arr[i];
12     }
13     for(int i = 1;i <= n;i++)
14     {
15         dp[i] = dp[i-1] + arr[i];
16     }
17
18     while (line--) {
19         int l = 0;
20         int r = 0;
21         cin >> l >> r;
22         cout << dp[r] - dp[l - 1] << endl;
23     }
24     return 0;
25 }
26 // 64 位输出请用 printf("%lld")
```