

Find the Winner of the Circular Game

Accepted

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Runtime 3 ms  
Beats 71.61%  
Memory 6 MB  
Beats 56.25%

源代码如下：

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

class Solution {
private:
    int lastNumber(const int n,const int m) {
        if (n == 0)
            return 0;
        return (lastNumber(n - 1, m) + m) % n;
    }
public:
    int findTheLastFriend(const int n,const int m) {
        return lastNumber(n, m);
    }
};

int main()
{
    Solution test;
    int friendsNum = 10,
        friendsGap = 3;
    cout << "The last reamaining friend is: " <<
test.findTheLastFriend(friendsNum, friendsGap) << endl;
    return 0;
}
```