#include <iostream>

using namespace std;

//快速幂求值

long long ksm(long long a, long long b, long long n)

{

int ans = 1,base = a % n;

while(b != 0){

if(b & 1 != 0){

ans = (base \* ans) % n;

}

base \*= base;

base %= n;

b >>= 1;

}

return ans;

}

int main()

{

cout << ksm(3,5,4) << endl;

return 0;

}

程序运行结果截图：

