Problem id: 11150

#include<iostream>

using namespace std;

int main(){

int n,cou,div;

while (cin>>n){

cou=n;

while(n>=3){

div=n/3;

cou+=div;

n=(n%3)+div;

}

if(n==2){

cou++;

}

cout<<cou<<endl;

}

return 0;

}