#include <iostream>

using namespace std;

float Fact2(int N)

{

float a=1;

if (N%2!=0)

{

for (int i=1;i<=N;i=i+2) a=a\*i;

}

else

{

for (int i=2;i<=N;i=i+2) a=a\*i;

}

return a;

}

int main()

{

int n;

cout<<"Enter N (N>0): ";

cin>>n;

cout<< Fact2(n);

}