#include <iostream>

using namespace std;

int factorial(int n)

{

int f = 1;

if (n % 2 == 0)

{

for (int i = 2; i <= n; i += 2)

{

f \*= i;

}

} else

{

for (int i = 1; i <= n; i += 2)

{

f \*= i;

}

}

return f;

}

int main()

{

setlocale(LC\_ALL,"Russian");

int n;

cout << "Введите n : ";

cin >> n;

int res = factorial(n);

cout << "\n Результат = " << res << endl;

return 0;

}