import java.util.Scanner;

public class Main {

public static int multiply(int x){

int total =1; //initialization of total multiple

for(int i=1; i<=x; i++)

{

if(i%4==0)

{

total=total\*i; //updates the total

}

}

return total; // returns total

}

public static void main(String[] args) {

// System.out.println("Hello world!");

Scanner x= new Scanner(System.in);

System.out.println("Enter a single Integer value:");

int n = x.nextInt(); //taking user input

int multiplication;

multiplication = multiply(n); // using the multiply method

System.out.println("The multiplication of every multiple of 4 from 1 up to "+n + " is " + multiplication);//printing result

}