

<https://course.acciojob.com/idle?question=e85c8928-17fb-41ed-92a5-459666242d40>

● EASY

● Max Score: 30 Points

## Even Sum

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You are given a number  $N$ . Print sum of all even numbers from 1 to  $N$ .

### Input Format

There is only an integer  $N$ .

### Output Format

Return the sum as a single integer.

### Example 1

Input

12

Output

42

Explanation

The sum of even numbers till 12 is 42. ( $2+4+6+8+10+12=42$ )

### Example 2

Input

13

Output

42

Explanation

The sum of even numbers till 12 is 42.  $(2+4+6+8+10+12=42)$

## Constraints

$1 \leq |N| \leq 10^9$

### Topic Tags

- Arrays

# My code

```
// n java
import java.util.*;

class Solution {
    static Long sumEven(Long n)
    {
        // Your code here
        Long ans=n/2;
        ans=ans*(ans+1);
        return ans;
    }
}
```

```
}
```

```
public class Main {  
    public static void main(String[] args) {  
        Scanner sc = new Scanner(System.in);  
        Long n= sc.nextLong();  
        Solution Obj = new Solution();  
        System.out.println(Obj.sumEven(n));  
    }  
}
```