

Week 4 : Programming Assignment 4

Write a Program to find the sum of all even numbers from 1 to N where the value of N is taken as input. [For example when N is 10 then the sum is $2+4+6+8+10 = 30$]

Sample Test Cases

	Input	Output
Test Case 1	25	Sum = 156
Test Case 2	30	Sum = 240
Test Case 3	10	Sum = 30
Test Case 4	15	Sum = 56

```
#include <stdio.h>
void main()
{
    int N, sum=0;
    scanf("%d", &N); /* The value of N is taken from the test cases */

    int i;
    for (i = 1; i <= N; i++)
    {
        if (i % 2 == 0)
            sum = sum + i;
    }
    printf("Sum = %d", sum);
}
```