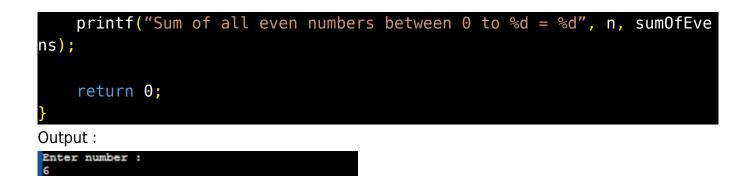
C program to calculate sum of first n even numbers between 0 and n.? Take n as input from user?

```
Sol.
Input : n = 6
Output: 42
Even numbers : 2, 4, 6, 8, 10, 12, 14, 16...
Sum of first 6 even numbers :
= (2+4+6+8+10+12) = 42
/* C program to find
*sum of even numbers betwe 0 to n*/
#include <stdio.h>
int main()
    int count, n, evenNo, sumOfEvens=0;
    /* Input number from use */
    printf("Enter number : n");
    scanf("%d", &n);
    /* Even number start from 0
    *and get increamented by 2 */
    for(count=0, evenNo=0; count<=n; count=count+1, evenNo=evenNo+2)</pre>
    {
        /* Add current even number to
        **sumOfEvens variable */
        sumOfEvens = sumOfEvens + evenNo;
    }
```



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- 60. Write a program that asks the user to enter a number and then determines whether the number is even or odd.
- 61. Write a program that swaps the values of two variables.
- 62. Write a program that asks the user to enter a number and then calculates and prints its factorial.
- 63. Write a program that asks the user to enter a number N and then prints the first N numbers in the Fibonacci sequence
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