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
/* 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)
    {
        /* Add current even number to
        **sumOfEvens variable */
        sumOfEvens = sumOfEvens + evenNo;
    }
```

```
    printf("Sum of all even numbers between 0 to %d = %d", n, sumOfEve
ns);

    return 0;
}
```

Output :

```
Enter number :
6
Sum of all even numbers between 0 to 6 = 42
```

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