

lab 3

date:24/09/2025

// 26. PROGRAM TO PRINT SUM OF ALL ODD AND EVEN NO.S B/W 1 TO N.

```
#include <stdio.h>

int main()
{
    int odd_sum=0, even_sum=0, n;

    printf("enter n=");
    scanf("%d", &n);

    for (int i = 0; i <= n; i++)
    {
        if (i % 2 == 0)
        {
            even_sum = even_sum + i;
        }

        if (i%2!=0)
        {
            odd_sum = odd_sum + i;
        }
    }

    printf("sum of even numbers is %d\n", even_sum);
    printf("sum of odd numbers is %d", odd_sum);

    return 0;
}

/*we can also use sum of odd numbers till n =n^2
and sum of even numbers till n:sum=n(n+1)
*/
```

```
P5: C:\Users\Sumit\Desktop\vscode\c>
```