

Test – 3 // 19 Dec 2024

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Q1Print even and Odd numbers in given range.

```
#include<stdio.h>
/*
Start = 10, end = 25
Odd → 11 13 15 17 19 21 23 25
*/
int main(){
    int start, end;
    printf("Enter Start value\n");
    scanf("%d", &start);
    printf("Enter End value\n");
    scanf("%d", &end);

    printf("-----Even Numbers-----\n");
    for (int i = start; i <= end; i++)
    {
        !(i%2) && printf("%d ", i);
    }

    printf("\n-----Odd Numbers-----\n");
    for (int i = start; i <= end; i++)
    {
        i%2 && printf("%d ", i);
    }

    return 0;
}
```

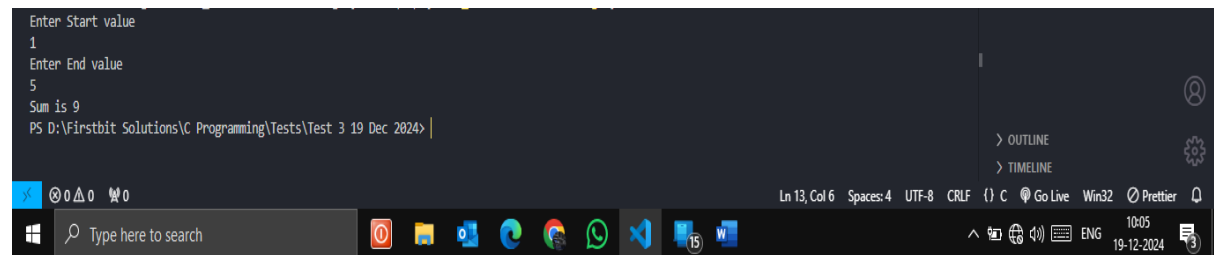


(P. T. O)

Q2)Add alternate num in sum in given range

```
#include<stdio.h>
int main(){
    int start, end;
    printf("Enter Start value\n");
    scanf("%d", &start);
    printf("Enter End value\n");
    scanf("%d", &end);

    int sum = 0;
    for (int i = start; i <= end; i = i+2)
    {
        sum += i;
    }
    printf("Sum is %d\n", sum);
    return 0;
}
```



The screenshot shows a terminal window with the following output:

```
Enter Start value
1
Enter End value
5
Sum is 9
PS D:\Firstbit Solutions\C Programming\Tests\Test 3 19 Dec 2024>
```

The terminal window is part of a code editor interface. The status bar at the bottom indicates the current line and column as "Ln 13, Col 6". The system tray at the bottom shows the date and time as "19-12-2024 10:05".