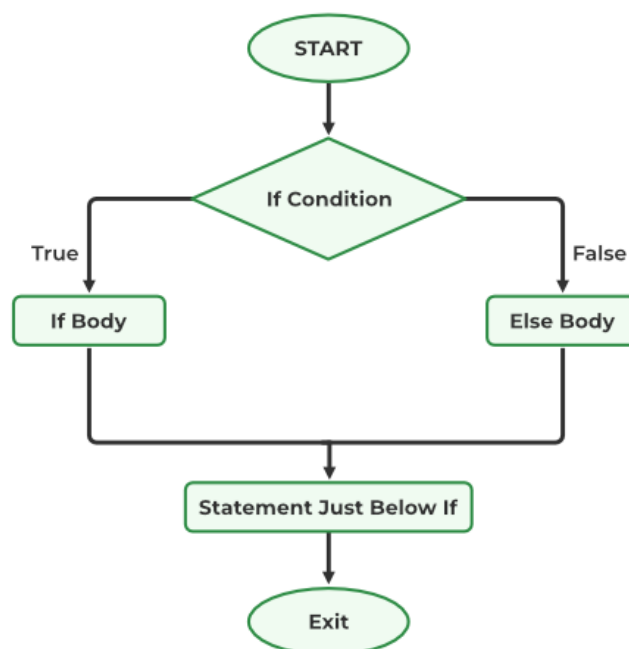# if-else statement

The if-else statement is used to verify the given condition and executes only one, out of the two blocks of statements based on the condition result. The if-else statement evaluates the specified condition. If the condition is TRUE, it executes a block of statements (True block) following if . If the condition is FALSE, it executes another block of statements (False block) following else. The general syntax and execution flow of the if-else statement is as follows.

Syntax

```
If(condition)
{
        ......
        True block of statements
        ......
}
else
{
        ......
        False block of statements
        ......
}
```

Program :-

```c
#include<stdio.h>
int main()
{
    int n ;
    printf("Enter any integer number: ") ;
    scanf("%d", &n) ;
    if ( n%2 == 0 )
        printf("Given number is EVEN\n") ;
    else
        printf("Given number is ODD\n") ;
}
```

Output 1:-
Enter any integer number: 4
Given number is EVEN

Output 2:-
Enter any integer number: 21
Given number is ODD