## if-else ladder:

- An if-else ladder is a series of if and else if statements that are executed sequentially until a condition is true.
- It allows you to handle multiple conditions in a step-by-step manner.


## Example:

$C^{-1}$

```
#include <stdio.h>
int main() {
        int num = 2;
        if (num == 0) {
            printf("Number is zero.\n");
        } else if (num == 1) {
            printf("Number is one.\n");
        } else if (num == 2) {
            printf("Number is two.\n");
        } else {
            printf("Number is greater than two.\n");
        }
        return 0;
}
```

Output:

C

## Number is two.

In the example above, the program checks the value of num sequentially. When num is 2 , the condition is satisfied, and the corresponding message is printed. The remaining else if and else blocks are skipped once a condition is true.

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