## INTRODUCTION TO CONDITIONAL OPERATOR

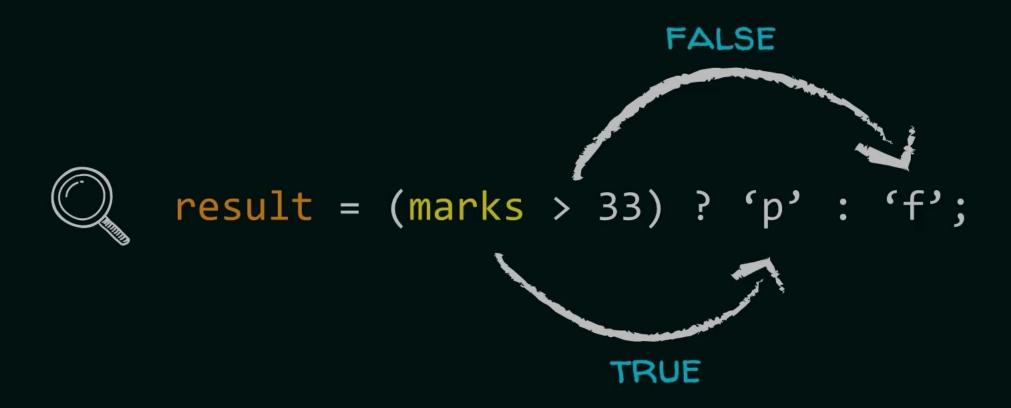
Look and feel:

```
choose
         char result;
         int marks;
you
         if (marks > 33)
op
             result = 'p';
one
         else
Which
             result = 'f';
```

```
char result;
int marks;
```

```
result = (marks > 33) ? 'p' : 'f';
```

NESO ACADEMY



(marks > 33) is a boolean expression, therefore it will return
either TRUE or FALSE

(marks > 33) ? 'p' : 'f' is a conditional expression, which is after all an expression, therefore it is an r-value and result is l-value.

## **NESO ACADEMY**

## QUICK FACTS CHECKLIST



Conditional operator is the only ternary operator available in the list of operators in C language



As in Expression1? Expression2: Expression3, expression1 is the boolean expression. If we simply write 0 instead of some boolean expression than that simply means FALSE and therefore Expression3 will get evaluated.

```
Example:
```

```
int result;
result = 0 ? 2 : 1
```

result

1

## HOMEWORK PROBLEM

What is the output of the following is C program fragment?

```
#include <stdio.h>
int main() {
    int var = 75;
    int var2 = 56;
    int num;
    num = sizeof(var) ? (var2 > 23 ? ((var == 75) ? 'A' : 0) : 0) : 0;
    printf("%d", num);
    return 0;
```