**What is ternary operator (?:) in C and how to use it?**

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1. What is a ternary operator:
2. It is a conditional operator like (if-else) statements and follows the same algorithm.
3. It is used to shorten the (if-else) statement to make the code smaller and easier to read.
4. How to use it:
5. If else statement:

Condition ? statement (if true) : statement (if false);

Example:

include<stdio.h>

#include<stdlib.h>

int main(){

int number\_1=2, number\_2=2 ;

(number\_1==number\_2)? printf("%d = %d\n",number\_1,number\_2): printf("Error.\n");

return 0;

}

1. If elseif else statement:

Condition ? Statement (if true) : Condition ? statement (if true): statement (if false) ;

Example:

#include<stdio.h>

#include<stdlib.h>

int main(){

int number\_1=2, number\_2=2 ;

(number\_1==number\_2)? printf("%d = %d\n",number\_1,number\_2): (number\_1>number\_2)? printf("%d > %d\n",number\_1,number\_2): printf("Error.\n");

return 0;

}