

* Ternary operator:

The ternary operator is kind of similar to the if-else statement as it does follow the same algorithm as of if-else statement but the conditional operator takes less space and helps to write the if-else statement in the shortest way possible.

Syntax:

Variable = Expression 1 ? Expression 2 : Exp 3

Example:

// C program to find largest among two
// numbers using ternary operator.

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int a = 5, b = 10, max;
```

```
    max = (a > b) ? a : b;
```

```
    printf ("largest number between %d and %d"  
           " is %d", a, b, max);
```

```
return 0;  
}
```

* Bitwise operator

→ Bitwise operations are contrasted by byte-level operations which characterize the bitwise operations's logical counterparts, the AND, OR and NOT operators.

Bitwise Operators:

Symbol	Operators
&	bitwise AND
	bitwise inclusive OR
^	bitwise XOR (exclusive OR)
<<	left shift
>>	right shift
~	bitwise NOT

Example:

```
// C program for checking whether number is  
// odd or even using & operator.
```

```
#include <stdio.h>  
int main()  
{  
    int a = 19;  
    (a & 1) ? printf("odd") : printf("even");  
    return 0;  
}
```