

Escape Sequence Characters

Operators

Relational Operators

Logical Operators

Decision control

If ..else ..if else if ..nested if

formatted functions

↳ printf

↳ scanf

↳ fprintf

↳ fscanf

⋮

unformatted functions

getchar()

getc()    gets()    puts()

fgetc()    fgets()    fputs()

```
int main()
{
    printf("Escape meaning of r \r return carriage");
}
```

```
int main()
{
    printf("Escape meaning of b \b\b\b\b move cursor one char back");
}
```

ϕ return carriage  
Escape meaning of r \r  
Escape meaning of b  
↓ ↑ ↑ ↑ ↑

ϕ move cursor one char back

$f = 56.78$

```
printf("Float = %f value \n",f);
```

56.779999

```
printf("Float = %.2f value \n",f);
```

56.78

```
printf("Float = %10.2f value \n",f);
```

— — — — — 5 6 . 7 8  $\phi$  value

```
printf("Float = %↙-10.2f value \n",f);
```

5 6 . 7 8 — — — — —  $\phi$  value

main() 4  
{  
 val = printf("PH2O");  
}

printf(const char \*, ...)  
{  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 return 4;  
} // definition.

$>$   $<$   $\geq$   $\leq$   $!=$

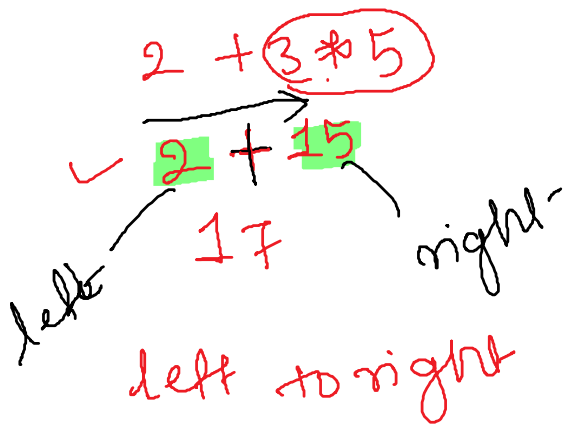
any non Zero value to be considered  
as true — 1

Zero value means false — 0

<exp1>	&&	<expr2>	result
0	&&	1	0
1	&&	0	0
0	&&	0	0
1	&&	1	1

<exp1>		<expr2>	result
0		1	1
1		0	1
0		0	0
1		1	1

<exp1>	result
!0	1
!1	0
!!0	0
!!1	1



$val = \text{printf}(\text{"PH20"});$

$val = 4$

Variable location

modifiable

Right to left

Operator

- binary — two operands
- unary — one operand