

#SPL

12.03.24

Q. `int num1=10, num2=20;`

`int res;`

`if(num1 > num2){
 res = num1 + num2;`

`else`

`res = num1 - num2;`

`printf("%d", res);`

`res = (num1 > num2)?`

`res = num1 + num2;`

`res = num1 - num2;`

Q. `if(n%2==0)`

`printf("Even");`

`else printf("Odd");`

`(n%2==0)? printf("Even");
printf("Odd");`

Q. `if(num1 > num2)`

`printf("num1 is greater");`

`else`

`printf("Num2 is greater");`

`(num1 > num2)?
printf("num1 is
greater");`

`printf("Num2 is greater");`

- no ";" needed after `printf()` in ternary operator
- ternary operator in one line?
- ";" needed after line end (end line)

has ternary operator

#switch:

Syntax:

switch (expression)

works like
if()

case const exp1: statements;
break;

breaks/stops
the statement

case const exp2: statements;
break;

checks
switch()

default: statements;

Q. int x;
switch(x)

{
case 1: printf("The value of x is %d", x);
break;
case 2: printf("%d", x); // 2
break;
case 3: printf("%d", x);
break;
default: printf("other");
}

when
5 input

Character vowel or consonant (code using switch). 90

Q. char c;
switch(c) → any thing other than 0
recognized as character
{
case 'a' = printf("vowel"); break;
case 'e' = printf("vowel"); break
default:

- Character ~~into~~ ' ' single quote use ~~or~~