

21/11/28

2) program to find maximum between three numbers using nested if

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

```
int main()
```

```
{ int a, b, c;
```

```
printf("Enter three numbers: ");
```

```
scanf("%d %d %d", &a, &b, &c);
```

```
if (a > b)
```

```
{
```

```
    if (a > c)
```

```
{
```

```
        printf("%.d is largest.\n", a);
```

```
}
```

```
else
```

```
{
```

```
    printf("%.d is the largest.\n", c);
```

```
}
```

```
else
```

```
{
```

```
    printf("%.d is the largest.\n", c);
```

```
}
```

```
return 0;
```

program to find maximum between two numbers using nested if

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

```
int main()
```

```
{
```

```
    int a,b;
```

```
    printf("Enter two numbers");
```

```
    scanf("%d %d", &a, &b);
```

```
    if (a!=b)
```

```
{
```

```
    if (a>b)
```

```
{
```

```
        printf ("%d is greater\n", a);
```

```
}
```

```
else
```

```
{
```

```
    printf ("%d is greater\n", b);
```

```
}
```

```
else
```

```
{
```

```
    printf ("Both numbers are equal\n");
```

```
}
```

```
return 0;
```

```
}
```

11) what is the output of `int a=3; int b = a++;`?

A) ~~b=3~~

B) $b=4$

C) $b=2$

D) compilation error

12) what is the output of `int a=3, int b=a++;`?

A) $b=2$

B) $b=3$

C) ~~b=4~~

D) error

13) what is the final value of a after `int a=5; a--;`

A) ~~4~~

B) 5

C) 6

D) ~~3~~

14) what is the result of `int a=5; int b = -a;`?

A) ~~b=4~~

B) $b=5$

C) $b=6$

D) $b=3$

15) In the expression `a++ + ++a`, which is executed first?

A) ~~a++~~

B) $++a$

C) Both same time

D) None

16) what is the output of `int a=5; print ("%.d", a++);`

- A) 10
- B) 11
- C) undefined
- D) 12

17) which form of increment operator has higher priority

- A) prefix
- B) postfix
- C) Both equal
- D) none

18) what is the value of a after : `int a=7; a=a++;`

- A) 7
- B) 8
- C) 6
- D) undefined behaviour

19) The operator `++` is a _____ operator

- A) unary
- B) Binary
- C) Ternary
- D) none

20) which of the following is not valid ?

- A) `x++`
- B) `++x`
- C) `++(x+1)`
- D) `--x`

- 1) prepare 10 MCQ's of increment and decrement operators
- 2) which operator increases the value of a variable by 1?
- A) --
 - B) ++
 - C) +=2
 - D) =+
- 3) which operator decreases the value of a variable by 1?
- A) --
 - B) ++
 - C) -=2
 - D) =-
- 4) In C, what is the value of a after $a=10; ++a; ?$
- A) 9
 - B) 10
 - C) 11
 - D) 12
- 5) In C what is the value of a after the statement
 $a=5; a++; ?$
- A) 4
 - B) 5
 - C) 6
 - D) 7
- 6) which operator is a postfix increment?
- A) ++a
 - B) a++
 - C) a--
 - D) -aa

- 6) what operator is a prefix decrement?
A) $a--$
~~B~~ $--a$
(C) $++a$
D) $a++$
- 7) what will be the output of int a=5; printf("%d", a++);
A) 4
~~B~~ 5
(C) 6
D) compilation error
- 8) what will be the output of int a=5; printf("%d", ++a);
A) 4
B) 5
(C) none
~~D~~ 6
- 9) In postfix form, when is the value increased?
A) Before expression evaluation
~~B~~ After expression evaluation
(C) never
D) during Compilation
- 10) In ~~prefix~~ postfix, when is the value increased
~~A~~ Before expression evaluation
B) After expression evaluation
(C) Both before and after
D) never