

2. program to find maximum between three no using nested if.

①

== x == x ==

1. what is the value of 'x' after the following?

```
int x = 5;
```

```
x++;
```

Ans:- 6

2. what does '++x' represent?

A) pre-increment.

3) what is the output?

```
int x = 3;
```

```
printf("%d", x++);
```

A) 3.

4) value of 'x' after code executes?

```
int x = 10;
```

```
int y = ++x;
```

A) 11

5) what is Printed?

```
int x = 10;
```

```
printf("%d", --x);
```

A) 9

6) What is the result?

```
int x = 5;
```

```
int y = x-- + 2;
```

A) (x-returns 5, 5+2=7).

7) Find value of x?

```
int x = 1;
```

```
x = x++ + ++x;
```

A) undefined behaviour

8) which operator has higher precedence?

A) they have same precedence (++ , -)

9) what is the output?

```
int x = 1;
```

```
printf("%d", ++x + x++);
```

A) undefined.

10) Pre-decrement does what?

A) Decreases then uses the value.

11. what is the output.

```
int x = 7;
```

```
printf("%d", x--);
```

A) 7,

12) value of x after code?

```
int x = 2;  
x = --x;
```

01

13) output?

```
int x = 6;  
int y = ++x + --x;  
printf("%d", y);
```

A) 11

14) which is true about Post Increment.

A) value is used first then incremented.

15) output

```
int x = 5;  
printf("%d", ++x * 2);
```

A) 12

16) what is the result?

```
int x = 10;  
int y = x++ + x--;
```

A) undefined.

17) valid operator?

A) ++x

18) ~~int x = 0;~~ what is the output?

```
int x = 0;  
printf("%d", x-- -- --x);
```

A) undefined.

19) what is the final value of x

```
int x = 3;  
x++ = x++;
```

A) undefined behaviour.

2) `#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 the maximum.\n", a);`

`}`

`else {`

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

`}`

`}`

`if (b > c)`

`{`

`printf("%d is the maximum.\n", b);`

`}`

`else {`

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

`}`

`}`

`return 0;`