

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.

ii) 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

B) What is the result?

int x=5;

int x=x-- + 2;

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

B) final value of x?

A) int x=0;

x= x++ + ++x;

A) undefined behaviour

B) 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;
```

Ans

13) our put?

```
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.

14) our put

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

Ans 12

15) what is the result?

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

A) undefined.

16) valid operator?

A) ++x

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

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

A) undefined.

18) what is the final value of x

```
int x=3;
```

x+=x++;

Ans undefined behaviour.

Q.

```
#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);
```

```
}
```

```
else
```

```
    if (b > c)
```

```
{
```

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

```
}
```

```
else
```

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

```
}
```

```
y
```

```
return 0;
```