

1. what is the output of $x=5; y=x++;$?

a) $x=5, y=5$

~~b) $x=6, y=5$~~

c) $x=5, y=6$

d) $x=6, y=6$

2. what is the value of a after $a=10; a++;$?

a) 10

~~b) 11~~

c) 12

d) error

3. which operator increments the value and returns the new value?

a) Post-increment ($x++$)

~~b) Pre-increment ($++x$)~~

c) Both

d) None

4. what is the output of $x=5; y=++x;$?

a) $x=5, y=5$

b) $x=6, y=5$

c) $x=5, y=6$

~~d) $x=6, y=6$~~

5. which of the following is a decrement operator?

a) $x++$

b) $++x$

~~c) $x--$~~

d) $+x$

6. what is the value of a after $a=10; --a;$?

~~a) 9~~

b) 10

c) 11

d) error

7) what is the output of `x=5; y=x--;`?

- a) `x=5, y=5`
- ☒ b) `x=4, y=5`
- c) `x=5, y=4`
- d) `x=4, y=4`

8) which operator decrements the value and returns the new value?

- a) Post-decrement (`x--`)
- ☒ b) Pre-decrement (`--x`)
- c) Both
- d) None

9) what is the output of `x=5; y=--x;`?

- a) `x=5, y=5`
- b) `x=4, y=5`
- c) `x=5, y=4`
- ☒ d) `x=4, y=4`

10) what is the value of `a` after `a=10; a--;`?

- ☒ a) 9
- b) 10
- c) 11
- d) error

11) which of the following is an example of Post-increment?

- a) `++x`
- ☒ b) `x++`
- c) `--x`
- d) `x--`

12) what is the output of `x=5; printf("%d", x++);`?

- ☒ a) 5
- b) 6
- c) error
- d) None

13. what is the output of `x=5; printf("%d", ++x);`?

a) 5

☒ b) 6

c) Error

d) None

14. which operator has higher precedence, Pre-increment or Post-increment?

a) Post-increment

b) Pre-increment

☒ c) Both have same precedence

d) None

15. what is the value of a after `a=10; ++a;`?

a) 10

☒ b) 11

c) 12

d) Error

16. what is the output of `x=5; y=x++ + 1;`?

a) `x=5, y=5`

☒ b) `x=6, y=6`

c) `x=6, y=7`

d) `x=5, y=6`

17. what is the output of `x=5; y=++x + 1;`?

a) `x=5, y=6`

b) `x=6, y=6`

☒ c) `x=6, y=7`

d) `x=5, y=7`

18. which of the following is an example of Pre-decrement?

a) `x--`

☒ b) `--x`

c) `x++`

d) `++x`

19. what is the output of `x=5; printf("%d", x--);`?

~~a) 5~~

b) 4

c) 0000

d) None

20. what is the output of `x=5; printf("%d", --x);`?

a) 5

~~b) 4~~

c) 0000

d) None


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

```
int main() {
```

```
    int num1, num2, num3;
```

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

```
    scanf("%d %d %d", &num1, &num2, &num3);
```

```
    if (num1 >= num2) {
```

```
        if (num1 >= num3) {
```

```
            printf("%d is the maximum number.", num1);
```

```
        } else {
```

```
            printf("%d is the maximum number.", num3);
```

```
        }
```

```
    } else {
```

```
        if (num2 >= num3) {
```

```
            printf("%d is the maximum number.", num2);
```

```
        } else {
```

```
            printf("%d is the maximum number.", num3);
```

```
        }
```

```
    }
```

```
    return 0;
```

```
}
```