

⇒ what will be the output of the following code?

code:

```
int a = 5;  
if (++a > 5) {
```

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

a) 5

b) 6

c) compilation error

d) undefined behavior

⇒ what will be the output of the following code snippet?

code:

```
int x = 5;
```

```
if (x++ > 5)
```

```
{
```

```
    printf("True");
```

```
}
```

```
else
```

```
{
```

```
    printf("False");
```

```
}
```

a) True b) False c) compilation error d) runtime error

⇒ what will be the output of the following code snippet?

code:

```
int a = 10;
```

```
if (++a == 11) {
```

```
    printf("Hello");
```

```
} else {
```

b)

Q)

⇒ what will be the value of a after the execution of the following code?

Code:

```
int a = 10;
if (++a == 11) {
    a++
}
```

a) 10 b) 11 c) 12 d) undefined

Consider the following code

⇒ int i=0; if (i++ && ++i)

```
if (i++ && ++i) {
```

```
    printf("True");
```

```
} else {
```

```
    printf("False");
```

```
}
```

a) True b) False c) compilation error d) undefined behavior

⇒ what will be the output

```
int count = 3;
```

```
while (count-- > 0) {
```

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

```
}
```

a) 3 2 1 b) 2 1 0

c) 0 -1 -2

d) 3 2 1 0

⇒ if a=5, what will be the value of b after this statement: int b=(a-3>5)?a:++a;

a) 4 b) 5 c) 6 d) undefined

⇒ what will be printed

```
int x=1;
```

```
if (x++||++x) {
```

```
    printf("condition met");
```

```
} else {
```

```
    printf("condition not met");
```

```
}
```

a) condition met b) condition not met

c) compilation error d) undefined

→ what is the final value of k?

Code:

```
int j=5, k=0;  
if (j-- > 0) {  
    k = j;  
}
```

- a) 5 b) 4 c) 0 d) -1

→ what will be the output

Code:

```
int p=2;  
switch (p++) {  
    case 1: printf("One"); break;  
    case 2: printf ("Two"); break;  
    case 3: printf ("Three"); break;  
}
```

- a) One b) Two c) three d) no output

⇒ if m=7, what is the value of n after int n=(-m<7)

? m: m++;

- a) 6 b) 7 c) 8 d) undefined

⇒ what will be the output of the following loop?

Code:

```
for (int i=0; i<3; i++) {
```

```
    if (i++ == 1) {
```

```
        printf("Skip");
```

```
    } else {
```

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

```
}
```

```
}
```

- a) 0 2 Skip b) 1 3 Skip c) skip 3 d) 0 skip 3

⇒ what is the final value of val?

code:

```
int val = 10;  
if (val - > 10) {  
    val += 5;  
} else {  
    val -= 2;  
}
```

- a) 15 b) 8 c) 10 d) 13

⇒ consider the expression $(++a = 5)$ where a is initially 4. what is the value of a after the expression is evaluated?

- a) 4 b) 5 c) 6 d) undefined

⇒ what will be the output:

code:

```
int x = 0;  
if (x++ == 0) {  
    printf("First");  
} else if (++x == 2) {  
    printf("Second");  
}  
printf("%d", x);
```

- a) First 1 b) First 2 c) Second 2 d) Second 1

⇒ what is the value of result?

code:

```
int a = 3, result;  
result = (a++ > 3) ? a : --a;
```

- a) 3 b) 4 c) 2 d) undefined

→ what will the following code print?

code:

```
int count = 0;  
do {  
    printf("%d", count);  
} while (count++ < 2);
```

- a) 0 1 2 b) 0 1 c) 0 1 2 3 d) 1 2 3.

⇒ what is the value of x at the end?

code:

```
int x = 5;  
if (x-- == 5) {  
    x++;  
} else {  
    x--;
```

- a) 4 b) 5 c) 6 d) 3

⇒ what will be the output?

code:

```
int a = 2, b = 2;  
if (a++ == ++b) {  
    printf("Equal");  
} else {  
    printf("Not equal");  
}
```

- a) Equal b) Not equal c) compilation error d) undefined

→ if value = 80 what is (val++ & 8), val: - - val?

- a) 9 b) 8 c) 7 d) undefined.

⇒ what w

code:

```
int x  
if (
```

```
} e
```

True

⇒ what will be the output:

code:

```
int x = 10;
if (x-- > 9 && x < 11) {
    printf("True");
} else {
    printf("False");
}
```

- a) True b) False c) compilation error
d) Undefined Behavior

int x =

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