

1. What will be the output of the following "C" code

```
1. #include <stdio.h>
2. int main( )
3. {
4.     int i=0;
5.     int x=i++, y=++i;
6.     printf ("%d %d\n", x, y);
7.     return 0;
8. }
```

a. 0, 2

b. 0, 1

c. 1, 2

d. Undefined.

2. What will be the Output of the following code?

```
1. #include <stdio.h>
2. int main( )
3. {
4.     int i=10
5.     int *p=&i;
6.     printf ("%d\n", *p++);
7. }
```

a. 10

b. 11

c. Garbage value

d. Address of i

3. What will be the output of the following code?

1. #include <stdio.h>

2. void main ( )

3. {

4. int x=97;

5. int y=sizeof(x++);

6. printf("x is %d", x);

7. }

a. x is 97

b. x is 98

c. x is 99

d. Run time error.

4. What will be the output of the following code?

1. #include <stdio.h>

2. void main ( )

3. {

4. int x=4, y, z;

5. y = --x;

6. z = x--;

7. printf("%d%d%d", x, y, z);

8. }

a. 323

b. 233

c. 322

d. 234

5. What will be the output of the following "C" code?

1. #include <stdio.h>

2. void main ( )

3. {

4. int x=4;

5. int \*p=&x;

6. int \*k=p++;

7. int r=p-k;

8. printf("%d", r); }

a. 4

b. 8

~~c. 1~~

d. Run time error.

6. What will be the output of the following c code

1. #include <stdio.h>

2. void main ( )

3. {

4. int a=5, b=-7, c=0; d;

5. d = ++a && ++b || ++c;

6. printf("\n%d %d %d %d", a, b, c, d);

7. }

a. 6-6 0 0

b. 6-5 0 1

c. -6-6 0 1

~~d. 6-6 0 1~~

7. What will be the output of the following c code?

1. #include <stdio.h>

2. void main ( )

3. {

4. int a = -5;

5. int k = (a++, ++a);

6. printf ("%d\n", k);

7. }

a. -4

b. -5

c. 4

~~d. -3~~



8. What will be the Output of the following "C" code?

1. #include <stdio.h>

2. int main( )

3. {

4. int a=1, b=1, c;

5. c=a++ +b;

6. printf ("%d, %d", a,b);

7. }

a. a=1, b=1

☒ b. a=2, b=1

c. a=1, b=2

d. a=2, b=2.

9. What will be the Output of the following "C" code

1. #include <stdio.h>

2. int main( )

3. {

4. int a=1, b=1, d=1;

5. printf ("%d,%d,%d", ++a+ ++a+ ++a, ++a+ ++a+ ++a, ++b, ++d+ ++d+ ++a);

6. }

a. 15, 4, 5

b. 9, 6, 9.

c. 9, 3, 5

☒ d. Undefined.

10. What will be the Output of the following "C" code?

1. #include <stdio.h>

2. int main( )

3. {

4. int a=10, b=10;

5. if (a=5)

6. b--;

7. printf ("%d, %d", a, b--);

8. }

- a.  $a=10, b=9$
- b.  $a=10, b=8$
- ~~c.  $a=5, b=9$~~
- d.  $a=5, b=8$

11. What will be the output of the following "C" code?

```
1. #include <stdio.h>
2. int main ( ) {
3. {
4.     int i=0;
5.     int j=i++ + i;
6.     printf ("%d\n", j);
7. }
```

- a. 0
- ~~b. 1~~
- c. 2
- d. compile time error.

12. What will be the output of the following "C" code?

```
1. #include <stdio.h>
2. int main ( ) {
3. {
4.     int i=2
5.     int j=++i
6.     printf ("%d\n", j);
7. }
```

- ~~a. 6~~
- b. 5
- c. 4
- d. compile time error.

3. What will be the output of the following "C" code?

```
#include <stdio.h>
int main ( )
{
    int x=5;
    int y=x++ / 2;
    printf ("%d", y);
```

return 0;

}

a. 3

b. compile time error.

~~c. 2~~

d. None of these.

14. What will be the output of the following "c" code:

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

```
int main ( )
```

```
{
```

```
    int a=4, b, c;
```

```
    b = --a;
```

```
    c = a--;
```

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

```
    return 0;
```

```
}
```

a. 332.

b. 232.

c. 322.

~~d. 233.~~

15. What will be the output of the following "c" code?

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

```
int main ( ) {
```

```
    int i = 0
```

```
    int x = i++, y = ++i;
```

```
    printf("%d %d\n", x, y);
```

```
    return 0;
```

```
}
```

~~a. 0 2~~

b. 0 1

c. 1 2

d. Undefined behaviour.



main.c



Share

Run

Output

Clear

```
1
2 #include <stdio.h>
3 int main() {
4     int a = 4;
5     int b = 2;
6     int result = 4 == 2;
7     printf("Result of 4 == 2: %d", result);
8     return 0;
9 }
```

Result of 4 == 2: 0

=== Code Execution Successful ===



main.c



Share

Run

Output

Clear

```
1
2 #include <stdio.h>
3 int main() {
4     int a = 4;
5     int b = 2;
6     int result = 4 <= 2;
7     printf("Result of 4 <= 2: %d", result);
8     return 0;
9 }
```

Result of 4 <= 2: 0

=== Code Execution Successful ===



main.c



Share

Run

Output

Clear

```
1
2 #include <stdio.h>
3 int main() {
4     int a = 4;
5     int b = 2;
6     if (a < b) {
7         printf("%d < %d is %d is true", a, b);
8     } else {
9         printf("%d < %d is false", a, b);
10    }
11    return 0;
12 }
```

4 < 2 is false

=== Code Execution Successful ===



main.c



Share

Run

Output

Clear

```
1
2 #include <stdio.h>
3 int main() {
4     int a = 4;
5     int b = 2;
6     int result = 4 > 2;
7     printf("Result of 4 > 2: %d", result);
8     return 0;
9 }
```

Result of 4 > 2: 1

=== Code Execution Successful ===

main.c



Share

Run

Output

Clear

```
1
2 #include <stdio.h>
3 int main() {
4     int a = 4;
5     int b = 2;
6     int result = 4 >= 2;
7     printf("Result of 4 >= 2: %d", result);
8     return 0;
9 }
```

Result of 4 >= 2: 1

=== Code Execution Successful ===

main.c

 Share

Run

### Output

Clear

```
1
2 #include <stdio.h>
3 int main() {
4     int a = 4;
5     int b = 2;
6     int result;
7     result = a ^ b;
8     printf("%d ^ %d is %d", a, b, result);
9     return 0;
10 }
```

4 ^ 2 is 6

```
=== Code Execution Successful ===
```





main.c

Output



```
1 // Online C compiler to run C program online
2 #include <stdio.h>
3 void main() {
4     int a,b;
5
6     printf("Enter a value:");
7     scanf("%d",&a);
8     printf("Enter b value:");
9     scanf("%d",&b);
10    printf("Addition of %d and %d is %d",a,b
        ,a+b);
```

```
11 }
```

```
12
```

```
13
```

```
14
```

```
15
```

```
16
```

```
17
```

```
18
```

Run



main.c

Output



```
1 // Online C compiler to run C program
  online
2 #include <stdio.h>
3
4 void main(){
5     int a,b;
6     printf("Enter a value:");
7     scanf("%d",&a);
8     printf("Enter b value:");
9     scanf("%d",&b);
10    printf("subtraction of %d and %d is %d"
           ,a,b,a-b);
11 }
12
13
```

Run



main.c

Output



```
1 // Online C compiler to run C program
   online
2 #include <stdio.h>
3
4 void main(){
5     int a,b;
6     printf("Enter a value:");
7     scanf("%d",&a);
8     printf("Enter b value:");
9     scanf("%d",&b);
10    printf("multiplication of %d and %d is
        %d",a,b,a*b);|
11 }
12
13
```

Run



main.c

Output



```
1 // Online C compiler to run C program
   online
2 #include <stdio.h>
3
4 void main(){
5     int a,b;
6     printf("Enter a value:");
7     scanf("%d",&a);
8     printf("Enter b value:");
9     scanf("%d",&b);
10    printf("division of %d and %d is %d",a
        ,b,a/b);
11 }
12
13
```

Run



main.c

Output



Enter a value:4

Enter b value:2

subtraction of 4 and 2 is 2

=== Code Exited With Errors ===

main.c

Output



Enter a value:4

Enter b value:2

Addition of 4 and 2 is 6

=== Code Exited With Errors ===

main.c

Output



Enter a value:4

Enter b value:2

multiplication of 4 and 2 is 8

=== Code Exited With Errors ===



main.c

Output



Enter a value:4

Enter b value:2

division of 4 and 2 is 2

=== Code Exited With Errors ===