

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. }
```

- Ques. What will be the output of the following code?
- 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. 3&3

b. 233

c. 322

d. &34

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. Runtime 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("%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+ ++b, ++d+ d+ ++c+ ++d);
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.

13. 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.

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main.c

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 }

Run Output

Result of 4 == 2: 0
==== Code Execution Successful ===

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main.c

```
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 }
9 }
```

Run

Output

Result of 4 <= 2: 0
==== Code Execution Successful ===

Clear

C

G

C

JS

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main.c

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Run

Output

Clear

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

4 < 2 is false

==== Code Execution Successful ===

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main.c

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 }

Run

Output

Result of 4 > 2: 1
==== Code Execution Successful ===

C

C++

C#

JS

TS

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main.c

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 }

Run Output

Result of 4 >= 2: 1
==== Code Execution Successful ===

C G C JS TS



main.c



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

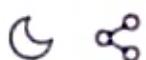
== Code Execution Successful ==





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
11        ,a+b);
12
13
14
15
16
17
18
```

Run



main.c

Output



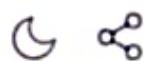
```
1 // Online C compiler to run C program
    online
2 #include <stdio.h>
3
4 void main(){
5     int a,b;
6     printf("Enter a value:");
7     scanf("%d",&a);
8     printf("Enter b value:");
9     scanf("%d",&b);
10    printf("subtraction of %d and %d is %d"
11        ,a,b,a-b);|
12
13
```

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
11        %d",a,b,a*b);|
12
13
```

Run



main.c

Output



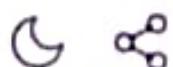
```
1 // Online C compiler to run C program
    online
2 #include <stdio.h>
3
4 void main(){
5     int a,b;
6     printf("Enter a value:");
7     scanf("%d",&a);
8     printf("Enter b value:");
9     scanf("%d",&b);
10    printf("division of %d and %d is %d",a
11        ,b,a/b);|
12
13
```

Run



main.c

Output



Enter a value:4

Enter b value:2

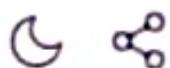
subtraction of 4 and 2 is 2

==== Code Exited With Errors ===



main.c

Output



Enter a value:4

Enter b value:2

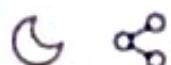
Addition of 4 and 2 is 6

==== Code Exited With Errors ===



main.c

Output



```
Enter a value:4
```

```
Enter b value:2
```

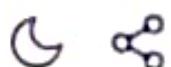
```
multiplication of 4 and 2 is 8
```

```
==== 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 ===