21 Lecture - CS304

Important Mcqs

What is the result of the following code snippet?

css

Copy code

int a = 5;

int b = a++;

- a) a = 5, b = 6
- b) a = 6, b = 5
- c) a = 5, b = 5
- d) a = 6, b = 6

Answer: a) a = 5, b = 6

What is the result of the following code snippet?

css

Copy code

int a = 5;

int b = ++a;

- a) a = 5, b = 6
- b) a = 6, b = 5
- c) a = 5, b = 5
- d) a = 6, b = 6

Answer: b) a = 6, b = 6

What is the result of the following code snippet?

css

Copy code

float a = 5.0;

float b = a++;

- a) a = 5.0, b = 6.0
- b) a = 6.0, b = 5.0
- c) a = 5.0, b = 5.0
- d) a = 6.0, b = 6.0

Answer: a) a = 6.0, b = 5.0

What is the result of the following code snippet?

css

Copy code

float a = 5.0;

float b = ++a;

- a) a = 5.0, b = 6.0
- b) a = 6.0, b = 5.0
- c) a = 5.0, b = 5.0
- d) a = 6.0, b = 6.0

Answer: b) a = 6.0, b = 6.0

What is the result of the following code snippet?

CSS

Copy code

char a = 'a';

char b = a++;

a)
$$a = 'a', b = 'b'$$

b)
$$a = 'b', b = 'a'$$

c)
$$a = 'a', b = 'a'$$

d)
$$a = 'b', b = 'b'$$

Answer: a) a = 'b', b = 'a'

What is the result of the following code snippet?

css

Copy code

char a = 'a';

char b = ++a;

a)
$$a = 'a', b = 'b'$$

b)
$$a = b', b = a'$$

c)
$$a = 'a', b = 'a'$$

d)
$$a = 'b', b = 'b'$$

Answer: b) a = 'b', b = 'b'

What is the result of the following code snippet?

css

Copy code

int
$$a = 5$$
;

int
$$b = a - + 3$$
;

a)
$$a = 5, b = 8$$

b)
$$a = 4$$
, $b = 7$

c)
$$a = 5, b = 7$$

d)
$$a = 4$$
, $b = 8$

Answer: c) a = 4, b = 8

What is the result of the following code snippet?

css

Copy code

int a = 5;

int b = --a + 3;

a) a = 5, b = 7

b) a = 4, b = 7

c) a = 5, b = 6

d) a = 4, b = 6

Answer: b) a = 4, b = 6