Programming Languages C Arithmetic operators

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4. Chapter: Arithmetic operators

1. Arithmetic operators Questions

4.1.1. what is the output of the following piece of code:

Author: JavaChamp Team

what is the output of the following piece of code:

```
int  c = 19 %  4;
```

Please choose only one answer:

- 1
- 2
- 3

Check the answer of this question online at QuizOver.com:
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4.1.2. To compute the square of the value in variable a:

Author: Yasser Ibrahim

To compute the square of the value in variable a:

Please choose only one answer:

- b = a^2;
- z = a * a;
- both correct

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4.1.3. What is the output of the following piece of code:

Author: JavaChamp Team

What is the output of the following piece of code:

```
int  x = 3, y = 5, z;
z = ++x + ++y;
printf("%d",z);
```

Please choose only one answer:

- 8
- 9
- 10

Check the answer of this question online at QuizOver.com:
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4.1.4. What is the output of the following piece of code?

Author: JavaChamp Team

What is the output of the following piece of code?

```
int  x = 3, y = 5, z;
z = x + ++y;
printf("%d",z);
```

Please choose only one answer:

- 8
- 9
- 10

Check the answer of this question online at QuizOver.com:
Question: How to increment int in C?

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4.1.5. What is the output of the following piece of code?

Author: JavaChamp Team

What is the output of the following piece of code?

```
int  x = 3, y = 5, z ;
z = x++ + ++y;
printf("%d",z);
```

Please choose only one answer:

- 8
- 9
- 10

Check the answer of this question online at QuizOver.com:
Question: How incrementation works in C?

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4.1.6. printf("%f", sqrt(sqrt (x)));

Author: JavaChamp Team

printf("%f", sqrt(sqrt (x)));

Please choose only one answer:

- is correct
- has syntax error
- causes run-time error

Check the answer of this question online at QuizOver.com:
Question: How sqrt method works in C?

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4.1.7. The value of z in the following statement:

int x = 9 , y = 2 , z...

Author: Yasser Ibrahim

The value of z in the following statement:

int x = 9 , y = 2 , z = x / y;

Please choose only one answer:

- 4
- 4.5
- 5

Check the answer of this question online at QuizOver.com:
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4.1.8. A short-cut for the statement: x = x + 1;

Author: Yasser Ibrahim

A short-cut for the statement: x = x + 1;

Please choose only one answer:

- x += 1;
- x++;
- Both correct

4.1.9. choose the proper function to compute the cubic value of any input ...

Author: JavaChamp Team

choose the proper function to compute the cubic value of any input integer n:

Please choose only one answer:

- int cube(void) { return (n * n * n) ; }
- int cube(int n) { return (n * n * n) ; }
- void cube(int n) { return (n * n * n) ; }

Check the answer of this question online at QuizOver.com:
Question: write method in C

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Interactive Question:
http://www.quizover.com/question/write-method-in-c?pdf=3044

4.1.10. To compute the cube of the value in variable x:

Author: JavaChamp Team

To compute the cube of the value in variable x:

Please choose only one answer:

- c = x * x * x;

- c = x^3;

- Both correct

4.1.11. what is the output of the following piece of code

Author: JavaChamp Team

what is the output of the following piece of code

```
int  a = 1, b = 2, c;
c = a-- + b--;
printf("%d",c);
```

Please choose only one answer:

- 3
- 4
- 5

Check the answer of this question online at QuizOver.com:
Question: decrementation in C

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Interactive Question:
http://www.quizover.com/question/decrementation-in-c?pdf=3044

4.1.12. what is the output of the following piece of code
int z = 23 % 3;

Author: JavaChamp Team

what is the output of the following piece of code

int z = 23 % 3;

Please choose only one answer:

- 7
- 2
- 30

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Question: remainder operator in C

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