



Peer Instruction 1

Elementary Programming



0



What will the code below assign to the value of the integer variable?

```
int myInteger = 11/5 + 44/12 + 11 % (3 + 6/4);
```

- A. 9
- B. 9.75
- C. 10
- D. 10.25
- E. None of the above



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1



What will the code below assign to the value of the integer variable?

```
int myInteger = 11/5 + 44/12 + 11 % (3 + 6/4);
```

- A. 9
- B. 9.75
- C. 10
- D. 10.25
- E. **None of the above**



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2



What will the code below assign to the value of the integer variable?

```
int myInteger = 6 * 2 / 3 + 5 * 6 - 15 / 5;
```

- A. 4
- B. 16
- C. 31
- D. 47
- E. None of the above



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3



What will the code below assign to the value of the integer variable?

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int myInteger = 6 * 2 / 3 + 5 * 6 - 15 / 5;
```

- A. 4
- B. 16
- C. **31**
- D. 47
- E. None of the above



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4



What is the size of a variable declared to be an int ?

- A. 8 bits
- B. 16 bits
- C. 32 bits
- D. 64 bits
- E. None of the above.



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What is the size of a variable declared to be an int ?

- A. 8 bits
- B. 16 bits
- C. 32 bits
- D. 64 bits
- E. None of the above.



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6



Now to the lecture



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7



Which of the statements below does not increment (and save) the declared integer?

- ```
int myInteger = 0;
```
- A. myInteger++;
  - B. ++myInteger;
  - C. myInteger + 1;
  - D. myInteger += 1;
  - E. myInteger = myInteger + 1;

Increment, Chapter 2.0



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Which of the statements below does not increment (and save) the declared integer?

- ```
int myInteger = 0;
```
- A. myInteger++;
 - B. ++myInteger;
 - C. myInteger + 1;
 - D. myInteger += 1;
 - E. myInteger = myInteger + 1;

Increment, Chapter 2.0



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9



Which of the following statements will not compile because of an incorrect type cast?

- Select the one correct answer.
- A. int i0 = (char) '\$';
 - B. int i1 = (int) 76.1234;
 - C. int i2 = (short) 34;
 - D. int i3 = (float) 3213;
 - E. All of the above

Type Casting



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Which of the following statements will not compile because of an incorrect type cast?

- Select the one correct answer.
- A. int i0 = (char) '\$';
 - B. int i1 = (int) 76.1234;
 - C. int i2 = (short) 34;
 - D. int i3 = (float) 3213;
 - E. All of the above

Type Casting



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Which of the statements below successfully prints the value of the variable?

```
double myDouble = 1.2345;
```

- A. `System.out.println("Value = " + myDouble);`
- B. `System.out.println("Value = ", myDouble);`
- C. `System.out.println("Value = " myDouble);`
- D. `System.out.println("Value = myDouble");`
- E. None of the above

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12



Which of the statements below successfully prints the value of the variable?

```
double myDouble = 1.2345;
```

- A. `System.out.println("Value = " + myDouble);`
- B. `System.out.println("Value = ", myDouble);`
- C. `System.out.println("Value = " myDouble);`
- D. `System.out.println("Value = myDouble");`
- E. None of the above

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