

Certification

SCJP/OCJP

Mock Arrays

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1. Arrays

4. Chapter: Arrays

1. Arrays Questions

4.1.1. What is the result of compiling and running the following code?

Author: JavaChamp Team

What is the result of compiling and running the following code?

```
public static void main(String[] args) {  
    int[] a = new int[0];  
    System.out.print(a.length);  
}
```

Please choose only one answer:

- 0
- Compilation error, arrays cannot be initialized to zero size
- Compilation error, it is a.length() not a.length

Check the answer of this question online at QuizOver.com:

Question: [how to declare java array?](#)

Flashcards:

<http://www.quizover.com/flashcards/how-to-declare-java-array?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/how-to-declare-java-array?pdf=3044>

4.1.2. What is the result of compiling and running the following code?

Author: Yasser Ibrahim

What is the result of compiling and running the following code?

```
public class Tester {  
  
    static void test(int[] a) {  
        int[] b = new int[2];  
        a = b;  
        System.out.print(b.length);  
        System.out.print(a.length);  
    }  
  
    public static void main(String[] args) {  
  
        int[] a = new int[5];  
        test(a);  
        System.out.print(a.length);  
  
    }  
}
```

Please choose only one answer:

- 225
- 255
- 200
- 222

Check the answer of this question online at QuizOver.com:

Question: [array size in java](#)

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4.1.3. What is true after running the following code?

Author: JavaChamp Team

What is true after running the following code?

```
public static void main(String[] args) {  
    String entries[] = {"entry1", "entry2"};  
    int count=0;  
    while (entries [count++]!=null){  
        System.out.println(count);  
    }  
        System.out.println(count);  
}
```

Please choose all the answers that apply:

- An Exception will be thrown
- 0 will be printed as part of the output
- 2 will be printed as part of the output
- 3 will be printed as part of the output

Check the answer of this question online at QuizOver.com:

Question: [When ArrayIndexOutOfBoundsException is thrown?](#)

Flashcards:

<http://www.quizover.com/flashcards/when-arrayindexoutofboundsexception-is-thrown?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/when-arrayindexoutofboundsexception-is-thrown?pdf=3044>

4.1.4. Which of the following declarations of an array is incorrect?

Author: Yasser Ibrahim

Which of the following declarations of an array is incorrect?

```
public static void main(String[] args) {  
    int[] a[];  
    int b[3];  
    int []c[];  
    int[] d[];  
}
```

Please choose only one answer:

- a
- b
- c
- d

Check the answer of this question online at QuizOver.com:

Question: [Array declaration in java](#)

Flashcards:

<http://www.quizover.com/flashcards/array-declaration-in-java?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/array-declaration-in-java?pdf=3044>

4.1.5. What is the result of compiling and running the following program?

Author: JavaChamp Team

What is the result of compiling and running the following program?

```
public class Tester {  
    final static int x[] = new int[5];  
    public static void main(String[] args) {  
        final int x = new Tester().x[5];  
        if (x <= 10)  
            System.out.println("javachamp");  
    }  
}
```

Please choose only one answer:

- Compilation error
- `ArrayIndexOutOfBoundsException` is thrown
- javachamp
- No output is produced

Check the answer of this question online at [QuizOver.com](http://www.quizover.com):

Question: [When java ArrayIndexOutOfBoundsException is thrown?](http://www.quizover.com/question/when-java-arrayindexoutofboundsexception-is-thrown?pdf=3044)

Flashcards:

<http://www.quizover.com/flashcards/when-java-arrayindexoutofboundsexception-is-thrown?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/when-java-arrayindexoutofboundsexception-is-thrown?pdf=3044>

4.1.6. public static void main(String[] args)

```
{  
byte b1= 25;  
byte b2=45...
```

Author: VenkaTESH POLNEEDI

```
public static void main(String[] args)
```

```
{  
  
byte b1= 25;  
  
byte b2=45;  
  
byte b3= b1+b2;
```

```
}
```

Please choose only one answer:

- a)70
- b)CompileError
- c)25
- d)RunTimeException

Check the answer of this question online at QuizOver.com:

Question: [type mismatch cannot convert from int to byte](#)

Flashcards:

<http://www.quizover.com/flashcards/type-mismatch-cannot-convert-from-int-to-byte?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/type-mismatch-cannot-convert-from-int-to-byte?pdf=3044>

4.1.7. Consider the following command-line invocations?

i. java Arrays

...

Author: Waduge Livera

Consider the following command-line invocations?

i. java Arrays

ii. java Arrays 12

iii. java Arrays 12 32

```
class Arrays
{
    public static void main(String [ ] args){
        for(int x=0;args.length>x++;){
            System.out.print(args[x]+ " ");
        }
    }
}
```

Please choose all the answers that apply:

- A. Only the invocation i will complete without throwing exceptions
- B. Only Invocation i will throw an exception.
- C. Invocation ii will produce the output 12.
- D. Invocation iii will produce the output 12 32.
- Invocations ii and iii will throw exceptions.

Check the answer of this question online at QuizOver.com:

Question: [java command-line invocation](#)

Flashcards:

<http://www.quizover.com/flashcards/java-commandline-invocation?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/java-commandline-invocation?pdf=3044>

4.1.8. What is the result?

Author: Vinay K

What is the result?

```
public static void main(String[] args) {  
  
    Object obj = new int[] { 1, 2, 3 }; // line 12  
    int[] someArray = (int[])obj; // line 13  
    for (int i : someArray) System.out.print(i + " "); // line 14  
  
}
```

Please choose only one answer:

- 1 2 3
- Compilation fails because of an error in line 12.
- Compilation fails because of an error in line 13.
- Compilation fails because of an error in line 14.
- A ClassCastException is thrown at runtime.

Check the answer of this question online at QuizOver.com:

Question: [java array casting](#)

Flashcards:

<http://www.quizover.com/flashcards/java-array-casting?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/java-array-casting?pdf=3044>

4.1.9. What is the result of running the following code with "java Test de...

Author: Alinaloana Florea

What is the result of running the following code with "java Test debug":

```
class Test
{
    public static void main(String [ ] args)
    {
        if (args.length == 1 | args[1].equals("debug"))
        {
            System.out.println(args[0]);
        }
        else
        {
            System.out.println("Release");
        }
    }
}
```

Please choose only one answer:

- Debug
- Release
- Compilation fails
- An exception is thrown at run-time

Check the answer of this question online at QuizOver.com:

Question: [how to implement java arrays and command line arguments?](#)

Flashcards:

<http://www.quizover.com/flashcards/how-to-implement-java-arrays-and-command-line-arguments?pdf=3044>

Interactive Question:

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