

Technical Papers Java Questions: Bob Technologies Sample Paper 1 2003 Oct 14 Allahbad

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1. Which of the following lines will compile without warning or error.

- a. float f = 1.3
- b. char c = "a"
- c. byte b = 257
- d. boolean b = null
- e. int i = 10

2. What will happen if you try to compile and run the following code? `public class MyClass { public static void main (String arguments[]) { amethod (arguments); } public void amethod (String[] arguments) { System. Out. Println (arguments); System. Out. Println (arguments[1]); } }` error Can't make static reference to void amethod. Error method main not correct

3. error array must include parameter

4. amethod must be declared with String

5. Which of the following will compile without error

- a. `import java. Awt. *; package Mypackage; class Myclass { }`
- b. `package MyPackage; import java. Awt. *; class MyClass { }`
- c. `/* This is a comment */`

```
package MyPackage.
```

```
import java. Awt. *.
```

```
class MyClass { }
```

6. A byte can be of what size

- a. -128 to 127
- b. (-2 power 8) -1 to 2 power 8

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c. -255 to 256

d. depends on the particular implementation of the Java Virtual machine

7. What will be printed out if this code is run with the following command line? `java myprog good morning public class myprog { public static void main (String argv[]) { System. Out. Println (argv[2]); } }`

a. myprog

b. good

c. morning

d. Exception raised:

“java. Lang. ArrayIndexOutOfBoundsException: 2”

8. Which of the following are keywords or reserved words in Java?

a. if

b. then

c. goto

d. while

e. case

9. Which of the following are legal identifiers

a. 2variable

b. variable2

c. _whatavariabale

d. _3_

e. \$anothervar

f. #myvar

10. What will happen when you compile and run the following code? `public class MyClass { static int i; public static void main (String argv[]) { System. Out. Println (i); } }`

a. Error Variable i may not have been initialized

b. null

c. 1

d. 0

11. What will happen if you try to compile and run the following code? `Pblic class Q { public static void main (String argv[]) { int anar[] = new int[] { 1, 2, 3}; System. Out. Println (anar[1]); } }`
- a. 1
 - b. Error anar is referenced before it is initialized
 - c. 2
 - d. Error: Size of array must be defined
12. What will happen if you try to compile and run the following code? `public class Q { public static void main (String argv[]) { int anar[] = new int[5]; System. Out. Println (anar[0]); } }`
- a. Error: Anar is referenced before it is initialized
 - b. null
 - c. 0
 - d. 5
13. What will be the result of attempting to compile and run the following code? `abstract class MineBase { abstract void amethod (); static int i; } public class Mine extends MineBase { public static void main (String argv[]) { int[] ar = new int[5]; for (i = 0; i < ar. Length; i + +) System. Out. Println (ar[i]); } }`
- a. a sequence of 5 0's will be printed
 - b. Error: Ar is used before it is initialized
 - c. Error Mine must be declared abstract
 - d. IndexOutOfBoundes Error
14. What will be printed out if you attempt to compile and run the following code? `int i = 1; switch (i) { case 0: System. Out. Println ("zero"); break; case 1: System. Out. Println ("one"); case 2: System. Out. Println ("two"); default: System. Out. Println ("default"); }`
- a. one
 - b. one, default
 - c. one, two, default
 - d. default

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15. What will be printed out if you attempt to compile and run the following code?

```
int i = 9.
```

```
switch (i) { default: System. Out. Println ( "default" ); case 0: System. Out. Println ( "zero" ); }
```