

# Certification

# SCJP/OCJP

# Mock Operators

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## 1. Operators

## 4. Chapter: Operators

### 1. Operators 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 class Tester {  
    static int i ;  
  
    private static int increment(int i) {  
        return i++;  
    }  
  
    public Tester() {  
        i = 1;  
    }  
  
    public static void main(String[] args) {  
        System.out.print(i);  
        System.out.print(i = increment(i));  
    }  
}
```

Please choose only one answer:

- 01
- 00
- 12
- Compilation error

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

Question: [Incrementing java static variable](#)

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<http://www.quizover.com/flashcards/incrementing-java-static-variable?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/incrementing-java-static-variable?pdf=3044>

#### 4.1.2. Which of the following "if" statement(s) will throw a NullPointerException...

Author: JavaChamp Team

Which of the following "if" statement(s) will throw a NullPointerException (assuming each statement will be executed independently)?

```
public class Tester {
    public int code;
    public static void main(String[] args) {
        Tester val = null;
        if((val!=null) & (val.code >0));//line 1
        if((val!=null) && (val.code >0));//line 2
        if((val==null) | (val.code==0));//line 3
        if((val==null) || (val.code==0));//line 4
    }
}
```

Please choose all the answers that apply:

- Line 1
- Line 2
- Line 3
- Line 4

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Question: [java short circuit operators](#)

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### 4.1.3. 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 boolean isEven(int x) {  
        return (x % 2 == 0) ? true : false;  
    }  
  
    public static void main(String[] args) {  
        System.out.print(isEven(2));  
        System.out.print(isEven(3));  
        System.out.print(isEven(4));  
    }  
}
```

Please choose only one answer:

- truefalsetrue
- falsefalsetrue
- falsefalsefalse
- a compilation error
- an exception is thrown at run time

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

Question: [How to use java conditional operators?](#)

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#### 4.1.4. 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 class Tester {  
  
    public static void main(String[] args) {  
        int x = 0;  
        int i = 1;  
        for (; i > 0; i--)  
            if ((++x > 0) | (--i > 0))  
                x++;  
                System.out.println(x + "" + i);  
    }  
}
```

Please choose only one answer:

- Compilation error
- 21
- 20
- 2-1

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

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#### 4.1.5. 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 {  
  
    public static void main(String[] args) {  
        int x = 0;  
        int y = 0;  
        if ((true & false) | (true & false) & x++>0)  
            System.out.print("stmt1 ");  
        if (false || true | (++y> 0 | y++>0))  
            System.out.print("stmt2 ");  
        System.out.print(x+ " "+y);  
    }  
}
```

Please choose only one answer:

- stmt1 stmt2 1 2
- stmt1 stmt2 0 0
- stmt2 1 2
- stmt2 0 2
- 0 0

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

Question: [short circuit operators in java](#)

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#### 4.1.6. 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 {  
  
    public static void main(String[] args) {  
        System.out.print("" + 7 + 2 + " ");  
        System.out.print(7 + 2 + " ");  
    }  
}
```

Please choose only one answer:

- 9 9
- 72 9
- 9 72
- 72 72

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#### 4.1.7. 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 class Tester {  
    public static void main(String[] args) {  
        boolean flag = true;  
        int x = 5;  
        int result = (8 * 2) % x;  
        System.out.print(!(result > 0) ^ true ^ (flag = false));  
        System.out.print(flag);  
    }  
}
```

Please choose only one answer:

- truefalse
- truetrue
- falsefalse
- falsetrue
- Compilation error

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#### 4.1.8. 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 class Tester {  
    public static void main(String[] args) {  
        boolean flag = true;  
        int x = 5;  
        int result = (8 * 2) % x;  
        System.out.print(!(result > 0) ^ true ^ !(flag = false));  
        System.out.print(flag);  
    }  
}
```

Please choose only one answer:

- truefalse
- truetrue
- falsefalse
- falsetrue
- Compilation error

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

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#### 4.1.9. 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 Test{  
    public static void main(String argv[]) {  
        Foo x = new Foo();  
        Foo y = new Foo();  
        Foo z = x;  
  
        System.out.print(x == y);  
        System.out.print(x == z);  
    }  
}  
  
class Foo {}
```

Please choose only one answer:

- false>true
- false>false
- true>true
- compilation error

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

Question: [using == in java](#)

Flashcards:

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

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#### 4.1.10. 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 Test{  
  
    public static void main(String argv[]) {  
        int a = 6;  
        if (a = 6)  
            System.out.print("true");  
        }  
    }  
}
```

Please choose only one answer:

- no output is produced
- true
- a compilation error

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#### 4.1.11. 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 static void main(String[] args) {  
    System.out.print("4" + 5);  
    System.out.print(4 + 5);  
    System.out.print(4 + 5 + "9");  
}
```

Please choose only one answer:

- 4545459
- 459459
- 45999

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

Question: [String and + operator in java](#)

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#### 4.1.12. 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 x = 0, y = 0;  
    x = 5 + y++;  
    System.out.print(x + "" + y);  
  
    x = 0;  
    y = 0;  
    x = 5 + ++y;  
    System.out.print(x + "" + y);  
}
```

Please choose only one answer:

- 6161
- 671
- 5161

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

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#### 4.1.13. 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 static void main(String[] args) {  
    int x = 1, y = 0;  
    if ((y == x++) && (x < ++y)) { }  
    System.out.println(x + "" + y);  
}
```

Please choose only one answer:

- 20
- 21
- 10
- 11

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

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#### 4.1.14. 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 static void main(String[] args) {  
    int x = 1, y = 0;  
    if ((y == x++) || (x < ++y)) { }  
    System.out.println(x + "" + y);  
}
```

Please choose only one answer:

- 10
- 11
- 20
- 21

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

Question: [short-circuit OR in java](#)

Flashcards:

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#### 4.1.15. 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 static void main(String[] args) {  
    int x = 0, y = 0;  
    if ((y == ++x) & (x < ++y)) {}  
    System.out.println(x + "" + y);  
}
```

Please choose only one answer:

- 10
- 11
- 20
- 21

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

Question: [& non-short-circuit AND in java](#)

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Interactive Question:

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

#### 4.1.16. 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 static void main(String[] args) {
    int x = 0, y = 0;

    if ((y == x++) | (x < ++y)) {
        ++y;
    }
    System.out.println(x + " " + y);
}
```

Please choose only one answer:

- 00
- 10
- 11
- 12
- 22

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

Question: | [non-short-circuit OR in java](#)

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#### 4.1.17. 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) {  
    System.out.print(false ^ true);  
    System.out.print(!false);  
}
```

Please choose only one answer:

- falsefalse
- falsetrue
- truefalse
- truetrue

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

Question: [Logical Operators ^ and ! in java](#)

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4.1.18. what will be the output when we compile and execute the code below:

Author: Pankaj Gupta

what will be the output when we compile and execute the code below:

```
class Compound{
public static void main(String args[])
{
int k=12;
k/=-k;
System.out.println(k);
k*=k++;
System.out.println(k);
k*=++k;
System.out.println(k);
}
}
```

Please choose only one answer:

- It will compile successfully and display 1 followed by 2 and then 3 as an output.
- It will compile successfully and display 1 followed by 1 and then 2 as an output.
- It will compile successfully and display 1 followed by 3 and then 4 as an output.
- It will generate compile time error.

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Question: [java compound operator](#)

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

Interactive Question:

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#### 4.1.19. What is the output of the running the following program?

Author: JavaChamp Team

What is the output of the running the following program?

```
class Test {
public static void main(String arg[]) {
A b = new B(1000);
A c = new C(1000);
System.out.println(b==c);
System.out.println(b <= c);
}
}

class A {
int value;
}

class B extends A {
B(int val) {
value = val;
}
}

class C extends A {
C(int val) {
value = val;
}
}
```

Please choose only one answer:

- "true" then "false" will be printed
- "false" then "false" will be printed
- "false" then "true" will be printed
- compilation error at the first print statement
- compilation error at the second print statement

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

Question: [which operands can be used in the comparison operators?](http://www.quizover.com/question/which-operands-can-be-used-in-the-comparison-operators?pdf=3044)

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Interactive Question:

<http://www.quizover.com/question/which-operands-can-be-used-in-the-comparison-operators?pdf=3044>

#### 4.1.20. What is the output of compiling and running the following code?

Author: JavaChamp Team

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

```
class Test {
public static void main(String arg[]) {
    Integer x = 1000;
    long y = 1000;
    Integer z = 1000;
    System.out.println(x==y);
    System.out.println(x==z);
}
}
```

Please choose only one answer:

- true then false will be printed
- true then true will be printed
- false then true will be printed
- false then false will be printed
- compilation error at the first print statement
- compilation error at the second print statement

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#### 4.1.21. What is the output of the following code?

Author: Pedro Kowalski

What is the output of the following code?

```
import java.util.Arrays;
import java.util.List;

public class Tester {
    public static void main(String[] arg) {
        int i = 1;
        int[] arr = {0, 1, 2};
        int z = 0;

        arr[i] = z = ++i;

        List<Integer> li = Arrays.asList(arr);

        System.out.println(li + "#" + z);
    }
}
```

Please choose only one answer:

- [0, 2, 2]#2
- [0, 1, 2]#2
- [0, 1, 2]#1
- [0, 2, 2]#1
- [0, 1, 2]#2
- compilation fails

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

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Interactive Question:

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#### 4.1.22. What is the output of the following code?

Author: Pedro Kowalski

What is the output of the following code?

```
import java.util.Arrays;
import java.util.List;

public class Tester {
    public static void main(String... xyz) {
        int i = 1;
        Integer[] arr = {0, 1, 2};
        int z = 0;

        arr[i] = z = ++i;

        List<Integer> li = Arrays.asList(arr);

        System.out.println(li + "#" + z);
    }
}
```

Please choose only one answer:

- [0, 2, 2]#2
- [0, 1, 2]#2
- [0, 1, 2]#1
- [0, 2, 2]#1
- compilation fails

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

Author: Nikhil Kumar

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

```
class ExamDemo2{
public static void main(String [] args){
byte b=10;
b+=10;
System.out.println(b);
}
}
```

Please choose only one answer:

- Compilation Fails due to possible loss of precision
- 20

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

Question: [use of compound assignment operator in java nikhil kumar](#)

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Interactive Question:

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

Author: Anonymous User

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

```
public class Test {  
    public static void main(String... parans) {  
        System.out.println(true?false?"7":false?"6":false?true?"5": true?"4":"3":"2":"1");  
    }  
}
```

Please choose only one answer:

- 1
- 2
- 3
- 4
- 5
- 6

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Question: [operators in java clelson](#)

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#### 4.1.25. Taking in consideration the following declarations, which lines wil...

Author: Alinaloana Florea

Taking in consideration the following declarations, which lines will compile?

```
float f = 1.1f;
float[] f1 = { 2.0f };
float[][] f2 = { {1.1f, 1.2f}, {2.0f}, {3.1f, 3.2f, 3.3f} };
Long b= 2L;
```

Please choose all the answers that apply:

- `if (f == f2) {}`
- `if (f == f2[0][0]) {}`
- `if (b= f2[1][0]) {}`
- `if (f == f2[2, 1]) {}`
- `if (f1 == f2[1]) {}`

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

Question: [arrays Taking in consideration the following Alinaloana Oracle Quest](#)

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#### 4.1.26. (SCJP6) What is printed from:

Author: Alinaloana Florea

(SCJP6) What is printed from:

```
byte b=10;
b += (b<127)? b>-128? b+=10 :0 : "5" ;
System.out.println(b);
```

Please choose only one answer:

- 20
- 30
- Compilation fails because "b > -128" is not surrounded by parenthesis
- Compilation fails because a String("5") can not be assigned to a "byte"
- An exception is thrown at runtime

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

Question: [ternary/conditional operator SCJP6 What Alinaloana Florea Oracle](#)

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