

# SCJP/OCJP

# Mock Wrappers

# and Autoboxing

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## 1. Wrappers and Autoboxing

## 4. Chapter: Wrappers and Autoboxing

### 1. Wrappers and Autoboxing 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 {  
    public static void main(String[] args) {  
        Integer sum1 = 125; //line 1  
        int sum2 = 125; //line 2  
  
        System.out.print(sum1.equals(sum2)); //line 3  
        System.out.print(sum2.equals(sum1)); //line 4  
        System.out.print(sum1==sum2); //line 5  
    }  
}
```

Please choose only one answer:

- Compilation error at line 3
- Compilation error at line 4
- true>true>false
- true>true>true

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

Question: [Invoking equals\(\) on java primitive type](#)

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#### 4.1.2. Which, inserted independently at // insert code here , will compile...

Author: JavaChamp Team

Which, inserted independently at // insert code here , will compile? (choose four )

```
public class Tester {  
    // insert code here  
    public static void main(String[] args) {  
        calculate(12);  
    }  
}
```

Please choose all the answers that apply:

- static void calculate(Double i) {}
- static void calculate(Integer i) {}
- static void calculate(int i) {}
- static void calculate(int... i) {}
- static void calculate(Integer... i) { }

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#### 4.1.3. Given that Long and Integer extend Number, what is the result of co...

Author: Yasser Ibrahim

Given that Long and Integer extend Number, what is the result of compiling and running the following code?

```
public class Tester {  
    public static void main(String[] args) {  
        Number x = 12; // Line 5  
        Number y = (Long) x; // Line 6  
        System.out.print(x+""+y); // Line 7  
    }  
}
```

Please choose only one answer:

- 1212
- Compilation error at line 5
- Compilation error at line 6
- Compilation error at line 7
- An exception is thrown at run time

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Question: [How does java autoboxing work?](#)

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Interactive Question:

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#### 4.1.4. What causes the compilation to fail?

Author: JavaChamp Team

What causes the compilation to fail?

```
public class Tester {  
    public static void main(String[] args) {  
        Long var = (long) 999; // Line 3  
        long x1 = var.longValue(); // Line 5  
        double x2 = var.longValue(); // Line 7  
        double x3 = (double) var.longValue(); // Line 9  
        Double x4 = Long.valueOf("999"); // Line 11  
        Number x5 = Integer.parseInt("999"); // Line 13  
        Long x6 = Integer.parseInt("999"); // Line 15  
    }  
}
```

Please choose all the answers that apply:

- Line 3
- Line 5
- Line 7
- Line 9
- Line 11
- Line 13
- Line 15

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

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#### 4.1.5. Given the following code fragment, what is true about the following...

Author: Yasser Ibrahim

Given the following code fragment, what is true about the following System.out statements?

```
public class Tester {  
  
    public static void main(String[] args) {  
        Integer[][] arr1 = { { 1, 2 }, { 3, 4 } };  
        Number[] arr2 = arr1[0];  
        int x = 1;  
  
        System.out.print(arr1[0][0] == 1);  
        System.out.print(arr2[0] == x);  
        System.out.print(x instanceof Integer);  
        System.out.print(arr1[1][0] > (Integer) arr2[0]);  
    }  
}
```

Please choose only one answer:

- All statements will compile
- Only one will compile and will print true
- Only two statements will compile and both will print true
- Only three statements will compile, only two of them will print true

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

Question: [How to compare between java wrappers?](#)

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#### 4.1.6. what will be the output when attempt to compile and execute this code:

Author: Pankaj Gupta

what will be the output when attempt to compile and execute this code:

```
class Test{
public static void main(String arg[])
{
Number n=10;
int i=10;
System.out.println(n==i);
}}
```

Please choose only one answer:

- true
- false
- compile time error
- run time exception

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

Question: [how to use the equality operator to compare a primitive to a primitive?](#)

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#### 4.1.7. What is the output ?

Author: Nikhil Kumar

What is the output ?

```
class BoxVar{
    static void call(Integer... i){
        System.out.println("hi"+i);
    }
    static void call(int... i){
        System.out.println("hello"+i);
    }
    public static void main(String... args){
        call(10);
    }
}
```

Please choose only one answer:

- compilation fails
- 10

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Question: [varargs in java nikhil kumar](#)

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#### 4.1.8. 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{
static Byte b;
public static void main(String [] args){
    b=10;
    b+=10;
    System.out.println(b);
}
}
```

Please choose only one answer:

- Compilation Fails
- 20
- Run Time Error

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

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#### 4.1.9. What is the correct output?

Author: MrDick

What is the correct output?

```
class Test {  
    static void go(int z){  
        System.out.println("int");  
    }  
    static void go(Object z){  
        System.out.println("Object");  
    }  
    static void go(Double z){  
        System.out.println("Double");  
    }  
    static void go(Number z){  
        System.out.println("Number");  
    }  
    public static void main(String... args) {  
        Integer i = 6;  
        go(i);  
    }  
}
```

Please choose only one answer:

- "Number"
- "Double"
- "Object"
- "int"

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

Question: [java primitive wrappers](#)

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

Interactive Question:

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

#### 4.1.10. What is the output of the following sequence?

Author: Cosmin Bolocan

What is the output of the following sequence?

```
public static void main(String[] args) {  
    int i1 = 120;  
    int i2 = 180;  
    Integer in1 = Integer.valueOf(i2);  
    Integer in2 = Integer.valueOf(i2);  
    System.out.print(in1==in2);  
    in1 = Integer.valueOf(i1);  
    in2 = Integer.valueOf(i1);  
    System.out.print(in1==in2);  
}
```

Please choose only one answer:

- falsefalse
- falsetrue
- truefalse
- truetrue

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

Question: [Wrapper comparation What is the output of the following sequence](http://www.quizover.com/question/wrapper-comparation-what-is-the-output-of-the-following-sequence?pdf=3044)

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