

Certification

SCJP/OCJP

Mock

Constructors

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Table of Contents

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1. Constructors

4. Chapter: Constructors

1. Constructors Questions

4.1.1. Can a constructor be declared static?

Author: Yasser Ibrahim

Can a constructor be declared static?

Please choose only one answer:

- Yes
- No

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

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4.1.2. What are the legal modifiers which the constructor can be declared ...

Author: JavaChamp Team

What are the legal modifiers which the constructor can be declared with?

Please choose all the answers that apply:

- public
- protected
- private
- final
- static
- abstract

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

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4.1.3. What is the expected output?

Author: JavaChamp Team

What is the expected output?

```
public class Profile {  
  
    private Profile(int w) { // line 1  
        System.out.println(w);  
    }  
  
    public final Profile() { // line 5  
        System.out.println(10);  
    }  
  
    public static void main(String args[]) {  
        Profile obj = new Profile(50);  
  
    }  
}
```

Please choose only one answer:

- Won't compile because of line (1) – constructor can't be private
- Won't compile because of line (5) – constructor can't be final
- 50
- 10
- 50

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

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4.1.4. What is the expected output?

Author: JavaChamp Team

What is the expected output?

```
public class Profile {  
    private Profile(int w) { // line 1  
        System.out.println(w);  
    }  
  
    public static Profile() { // line 5  
        System.out.println(10);  
    }  
  
    public static void main(String args[]) {  
        Profile obj = new Profile(50);  
    }  
}
```

Please choose only one answer:

- Won't compile because of line (1) – constructor can't be private
- 10
- 50
- 50
- Won't compile because of line (5) – constructor can't be static

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

Question: [Can java constructors be marked static?](#)

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4.1.5. What is the expected output?

Author: Yasser Ibrahim

What is the expected output?

```
class Plant {
    Plant() {
        System.out.println("Plant created");
    }
}

class Tree extends Plant {
    Tree() {
        System.out.println("Tree created");
        super();
    }
}

public class Test {
    public static void main(String args[]) {
        Tree tree = new Tree();
    }
}
```

Please choose only one answer:

- Plant created
Tree created
- Tree created
Plant created
- RuntimeException
- Compilation error

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

Question: [When can call super\(\) in java constructors?](http://www.quizover.com/question/when-can-call-super-in-java-constructors?pdf=3044)

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Interactive Question:

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4.1.6. What is the expected output?

Author: JavaChamp Team

What is the expected output?

```
import java.io.IOException;

class AirPlane {
    public AirPlane() throws IOException {
        System.out.print("AirPlane");
        throw new IOException();
    }
}

class AirJet extends AirPlane {
    public AirJet() throws IOException {
        try {
            super();
        } catch (IOException e) {
            System.out.print("IOException is thrown in AirJet");
        }
    }
}

public class Tester {
    public static void main(String args[]) {
        try {
            new AirJet();
        } catch (IOException e) {
            System.out.print("IOException is thrown in Tester");
        }
    }
}
```

Please choose only one answer:

- "AirPlaneIOException is thrown in AirJet" will be printed
- "AirPlaneIOException is thrown in AirJetIOException is thrown in Tester" will be printed
- "AirPlaneIOException is thrown in Tester" will be printed
- Compile error

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

Question: [How to call super\(\) in java constructor?](#)

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4.1.7. The following code contains one compilation error, where could it be?

Author: Yasser Ibrahim

The following code contains one compilation error, where could it be?

```
public class Tester {  
    Tester() { } // line 1  
    static void Tester() { this(); } // line 2  
  
    public static void main(String[] args) { // line 3  
        Tester(); // line 4  
    }  
}
```

Please choose only one answer:

- At line 1, constructor Tester must be marked public like its class
- At line 2, constructor call "this()" can only be called inside constructors
- At line 3, compilation error, ambiguity problem, compiler can't determine whether a constructor Tester or method Tester is called

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

Question: [How to call this\(\) in java constructor?](#)

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