Certification SCJP/OCJP Mock Constructors

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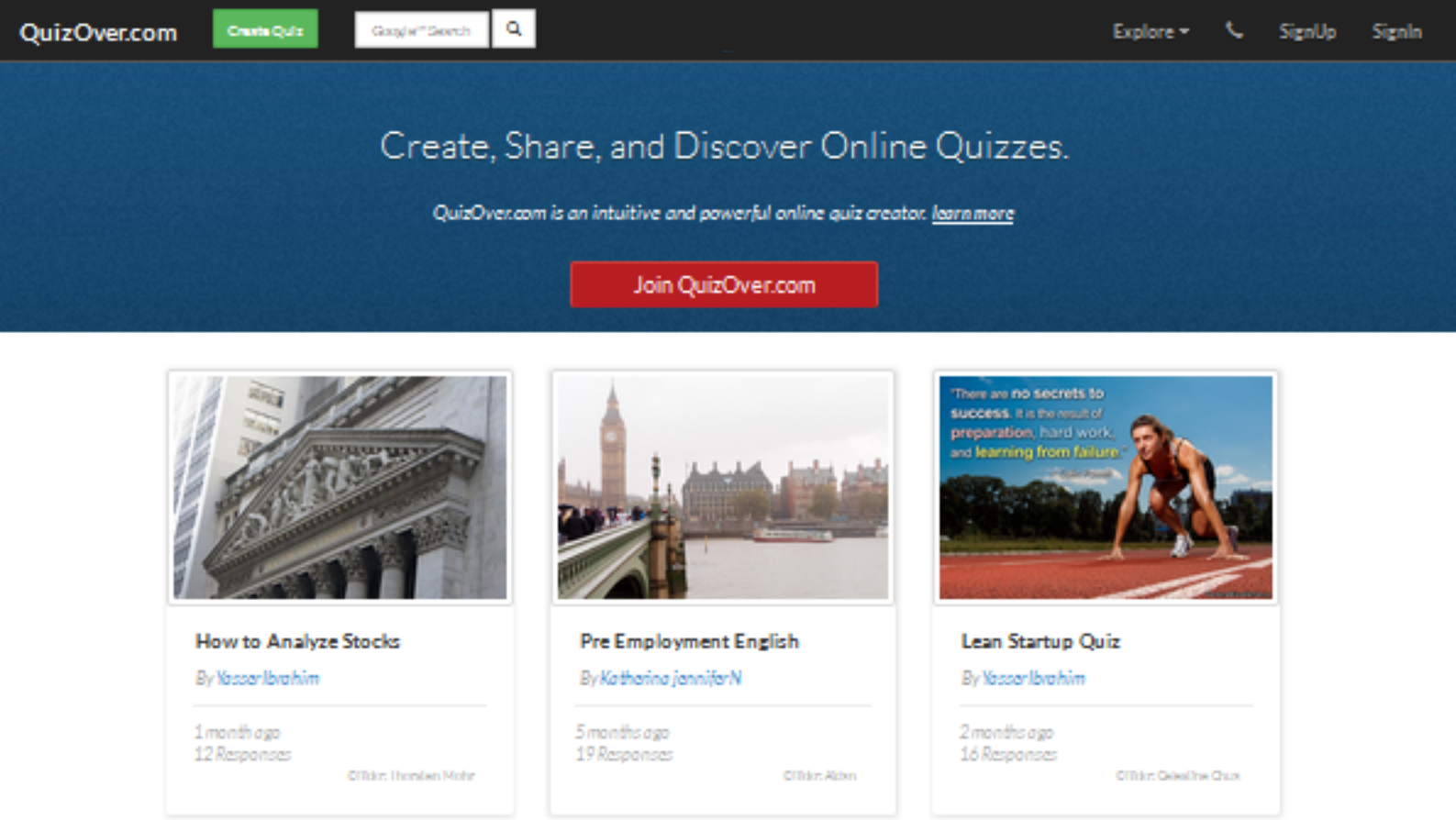

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4. Chapter: Constructors

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:
Question: Can java constructors be declared static?

Flashcards:
http://www.quizover.com/flashcards/can-java-constructors-be-declared-static?pdf=3044

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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:
Question: What are java constructors legal modifiers?

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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:
Question: Can java constructors be declared final?

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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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Interactive Question:
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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?

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Interactive Question:
http://www.quizover.com/question/when-can-call-super-in-java-constructors?pdf=3044

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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http://www.quizover.com/question/how-to-call-super-in-java-constructor?pdf=3044

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 wether 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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