SCJP/OCJP

Mock Garbage

Collection

GC

Author: JavaChamp Team

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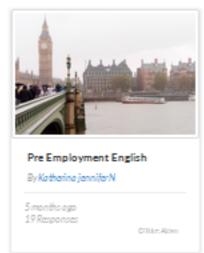
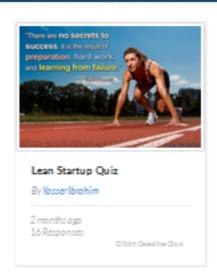Create, Share, and Discover Online Quizzes.

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1. Garbage Collection Questions

1. Garbage Collection Questions

4.1.1. How many objects are eligible for garbage collection after executin...

Author: JavaChamp Team

How many objects are eligible for garbage collection after executing line 7?

```
public class Tester {

  public static void main(String[] args) {

    Integer x = new Integer(3000);
    Integer y = new Integer(4000);
    Integer z = new Integer(5000);

    Object a = x;
    x = y;
    y = z;
    z = null; //line 7
  }
}
```

Please choose only one answer:

- 0
- 1
- 2
- 3

Check the answer of this question online at QuizOver.com:
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4.1.2. What can be inserted at // insert code here, to make object created...

Author: Yasser Ibrahim

What can be inserted at // insert code here, to make object created at line 5 eligible for garbage collection?

```
public static void main(String[] args) {

  Integer[] arr = new Integer[3];

  arr[0] = new Integer("3"); // Line 5

  Integer x = arr[0];

  // insert code here

}
```

Please choose only one answer:

- arr[0] = null;
- x = null;
- arr = null; x = new Integer(450);
- All of the above

Check the answer of this question online at QuizOver.com:
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4.1.3. An object is subject to garbage collection in java :

Author: JavaChamp Team

An object is subject to garbage collection in java :

Please choose only one answer:

- when the program is at a point of execution that is out the scope of the object
- when the object is set to null
- when the object becomes unreachable