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scored in AD - KBA - Advanced

**Java** in 37 min 15 sec on 17 Sep 2020 09:15:35 EDT

95%

95/100

Full thomas zangari

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Test AD - KBA - Advanced Java

Name:

Taken 17 Sep 2020 09:15:35 EDT

On:

Time 37 min 15 sec/ 80 min

Taken:

City: Richmond

Course: [TEK Boston] 2020-Java Developer 01

Resume: https://hackerrank-

resumes.s3.amazonaws.com/8107755/Fuwt2Tl95luLxRLtHC21VQCQqamSVAIPZdQ8Xja1TleAghWPMUyGUFh\_VkU7bH15Ag/Thomas\_Zangari.pdf

Invited

Customized

by:

Invited 16 Sep 2020 18:03:56 EDT

on:

Skills Score:

Tags

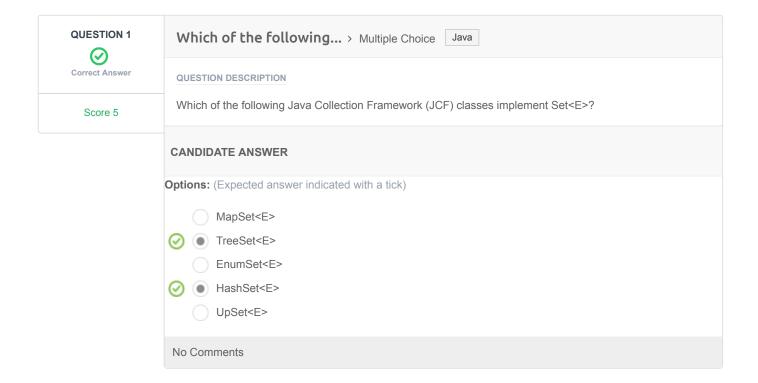
Java 95/100

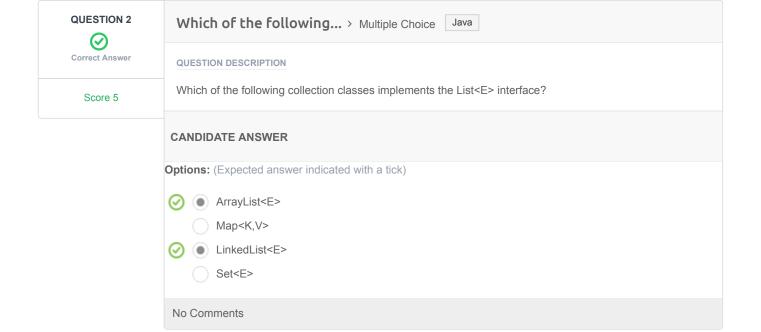
Score:

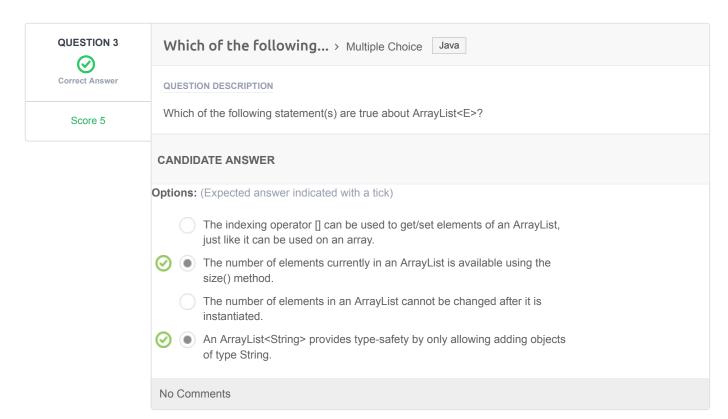
### **Recruiter/Team Comments:**

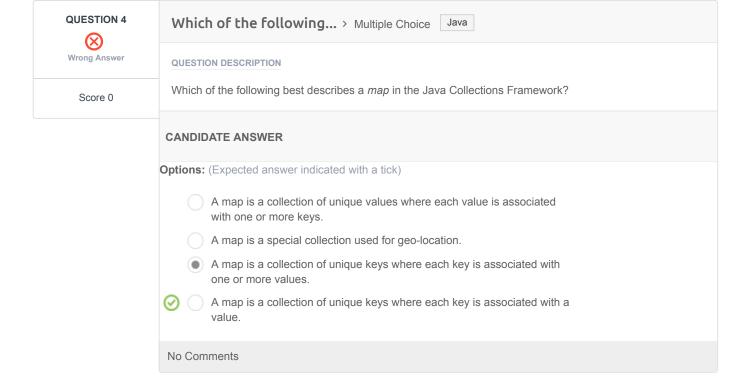
	Question Description	Time Taken	Score	Status
Q1	Which of the following > Multiple Choice	3 min 38 sec	5/ 5	<b>⊘</b>
Q2	Which of the following > Multiple Choice	25 sec	5/ 5	<b>⊘</b>
Q3	Which of the following > Multiple Choice	1 min 32 sec	5/ 5	<b>⊘</b>
Q4	Which of the following > Multiple Choice	36 sec	0/5	8
Q5	Which statement> Multiple Choice	22 sec	5/ 5	<b>⊘</b>
Q6	Call Static Method of interface > Multiple Choice	8 min 35 sec	5/ 5	<b>⊘</b>
Q7	What is a Functional > Multiple Choice	11 sec	5/ 5	<b>⊘</b>
Q8	default method Interface > Multiple Choice	3 min 24 sec	5/ 5	<b>⊘</b>

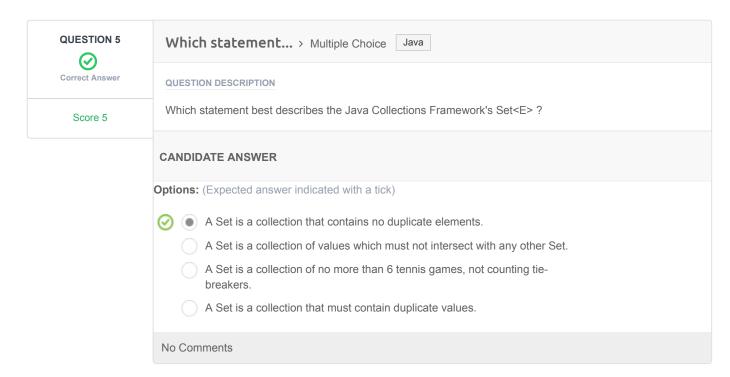
Q9	What are some important > Multiple Choice	47 sec	5/ 5	<b>②</b>
Q10	Interface methods types > Multiple Choice	2 min 32 sec	5/ 5	<b>Ø</b>
Q11	Streams > Multiple Choice	26 sec	5/ 5	<b>Ø</b>
Q12	Streams vs Collections > Multiple Choice	2 min 10 sec	5/ 5	<b>Ø</b>
Q13	reduce() > Multiple Choice	2 min 5 sec	5/ 5	<b>Ø</b>
Q14	Stream > Multiple Choice	5 min 45 sec	5/ 5	<b>Ø</b>
Q15	What is a stream> Multiple Choice	1 min 34 sec	5/ 5	<b>Ø</b>
Q16	getState() > Multiple Choice	1 min 1 sec	5/ 5	<b>Ø</b>
Q17	Use Synchronization > Multiple Choice	12 sec	5/ 5	<b>Ø</b>
Q18	Use Multithreading > Multiple Choice	32 sec	5/ 5	<b>Ø</b>
Q19	Pause a thread for a time > Multiple Choice	17 sec	5/ 5	<b>Ø</b>
Q20	Multithreading > Multiple Choice	48 sec	5/ 5	<b>Ø</b>

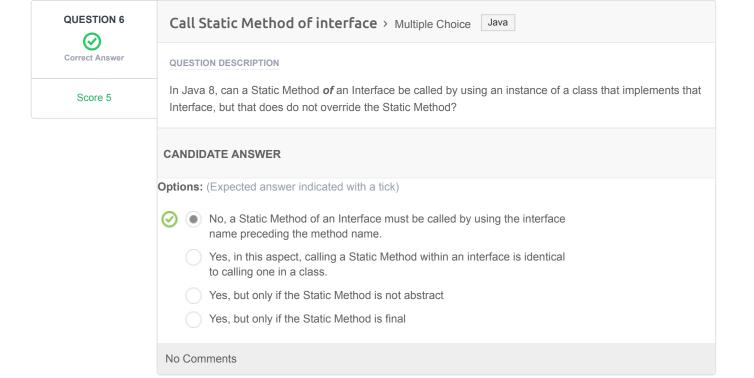


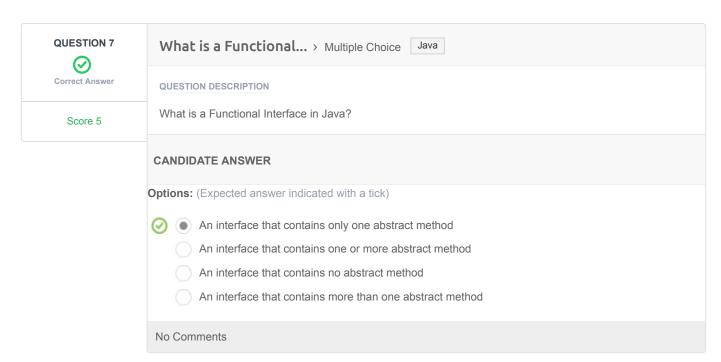












### **QUESTION 8**



Score 5

**default method Interface** > Multiple Choice Java

QUESTION DESCRIPTION

What is the most likely output of this program?

```
interface Cat {
    default String says() {
       return "miaw";
}
interface Lion {
    default String says() {
       return "ROAR!";
class Tiger implements Cat, Lion{
public class Main{
    public static void main(String args[]) {
        System.out.println(new Tiger().says());
    }
}
```

### **CANDIDATE ANSWER**

**Options:** (Expected answer indicated with a tick)

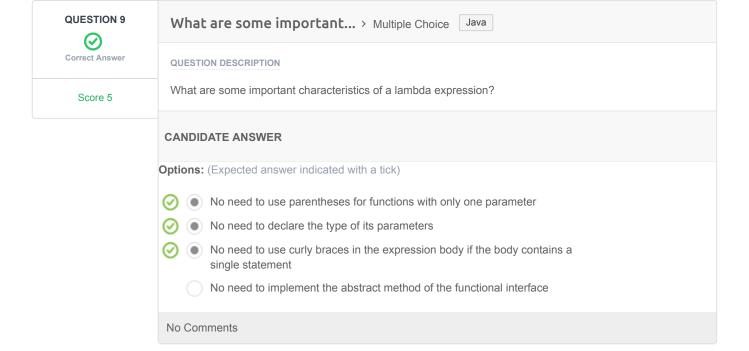


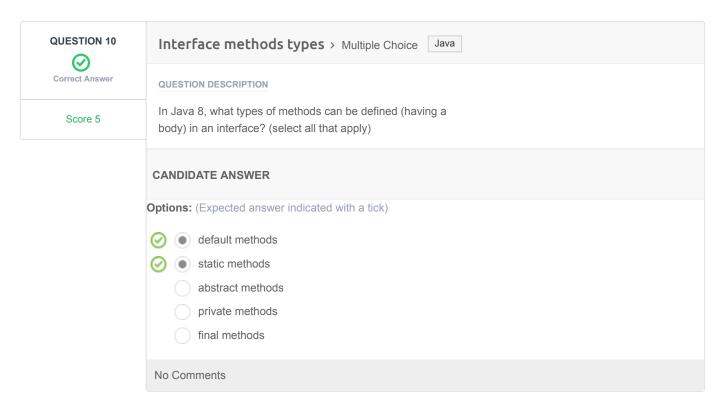
Unresolved compilation problem: Duplicate default methods named says with the parameters () and () are inherited from the types Lion and Cat

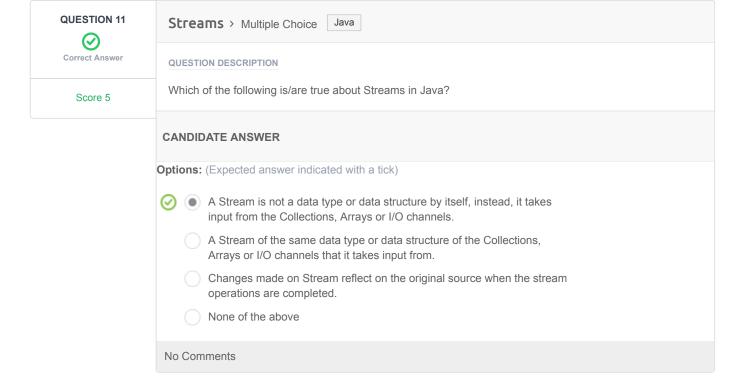


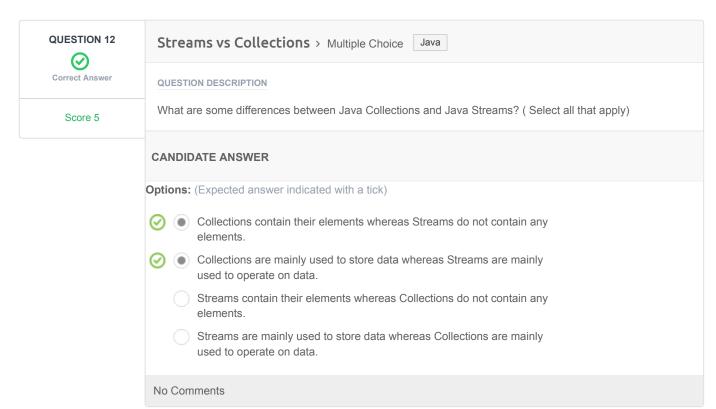


Unresolved compilation problem: The method says() is undefined for the type Tiger









# **QUESTION 13**



Score 5

reduce() > Multiple Choice Java

QUESTION DESCRIPTION

What is the most likely output of this program?

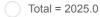
```
public class Main {
  public static void main(String[] args) {
     Double arr[] = \{ 1.0, 3.0, 5.0 \};
     double total = Stream.of(arr)
              .reduce(1.0, (Double a, Double b) -> a * b);
     System.out.println("Total = " + total);
```

## **CANDIDATE ANSWER**

**Options:** (Expected answer indicated with a tick)







ArithmeticException

### **QUESTION 14**



Score 5

Stream > Multiple Choice Java

QUESTION DESCRIPTION

What is the most likely output of this program?

```
public class Main {
 public static void main(String[] args) {
    String arr[] = { "Buttercup", "Blossom", "Bubbles" };
     Stream.of(arr).forEach( x -> x.toLowerCase());
    Stream.of(arr).filter(x -> x.startsWith("B"))
             .sorted().forEach(System.out::println);
```

Note: Does a Stream change the source?

## **CANDIDATE ANSWER**

Options: (Expected answer indicated with a tick)



Blossom

**Bubbles** 

Buttercup

blossom

bubbles

buttercup

Unresolved compilation problem:

The method forEach(System.out::println) is undefined for the type Object

Buttercup

Blossom

**Bubbles** 

java.lang.lllegalStateException: stream has already been operated upon or closed

QUESTION 15	What is a stream > Multiple Choice Java
Correct Answer	QUESTION DESCRIPTION
Score 5	What is a stream in Java?
	CANDIDATE ANSWER
	Options: (Expected answer indicated with a tick)
	<ul> <li>A stream is a sequence of elements that supports various methods for sequential and parallel aggregate operations</li> </ul>
	A Stream is a framework that provides an architecture to store and manipulate the group of objects.
	A Stream is a container object that holds a fixed number of values of a single type.
	A Stream is a sequence of characters that exist as a single object.
	No Comments
QUESTION 16	getState() > Multiple Choice Java
Correct Answer	QUESTION DESCRIPTION
Score 5	What is the most likely output of this program?
	public class Main extends Thread {
	<pre>public static void main(String[] args) {</pre>
	<pre>System.out.println(Thread.currentThread().getState());</pre>
	}
	}
	CANDIDATE ANSWER
	Options: (Expected answer indicated with a tick)
	NEW
	TERMINATED  Unresolved compilation problem: The method getState() is undefined for
	Unresolved compilation problem: The method getState() is undefined for

the type Thread

QUESTION 17	Use Synchronization > Multiple Choice Java
Correct Answer	QUESTION DESCRIPTION
Score 5	Which of the following keywords are used within a method to achieve synchronization?
	CANDIDATE ANSWER
	Options: (Expected answer indicated with a tick)
	synchronized synchronized
	Runnable
	Threaded
	No Comments
QUESTION 18	Use Multithreading > Multiple Choice Java
Correct Answer	QUESTION DESCRIPTION
Score 5	In Java, what do we need to do to use multithreading in our programs?



QUESTION 19	Pause a thread for a time > Multiple Choice Java
Correct Answer	QUESTION DESCRIPTION
Score 5	Which of the following method can be used to pause the execution of a thread for a specified time in milliseconds?
	CANDIDATE ANSWER
	Options: (Expected answer indicated with a tick)
	Thread.wait()
	Thread.stop()
	Thread.time()
	No Comments
QUESTION 20	Multithreading > Multiple Choice Java
Correct Answer	QUESTION DESCRIPTION
Score 5	What is Multithreading?
	CANDIDATE ANSWER
	Options: (Expected answer indicated with a tick)
	When two or more parts of the same program run simultaneously
	When two different programs run simultaneously
	When a single process can access information from many sources
	When many different processes are able to access the same information
	No Comments

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