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Full Name: Xi Chen

Email: xc4@andrew.cmu.edu

Test Name: AD - KBA - Advanced Java

**Taken On:** 17 Sep 2020 09:19:10 EDT

Time Taken: 73 min/ 80 min

City: Buffalo

Course: [TEK Boston] 2020-Java Developer 01

Invited by: Customized

Invited on: 16 Sep 2020 18:03:49 EDT

Skills Score:

Tags Score: Java 89.29/100

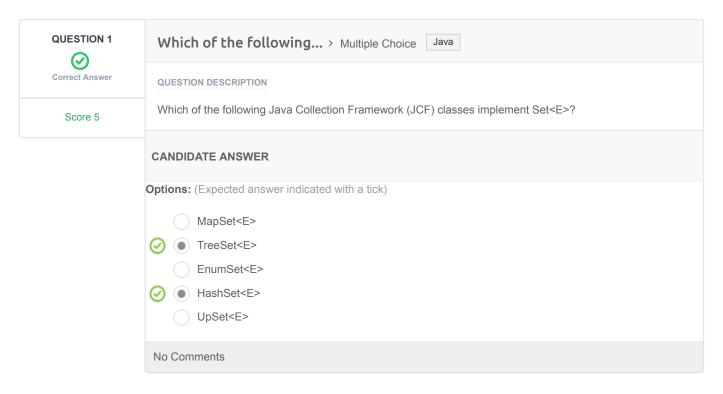
89.3% 89/100

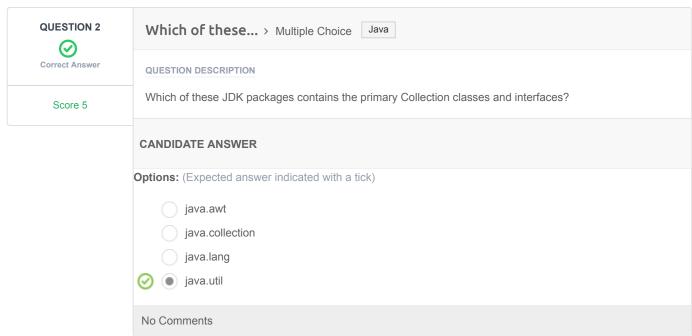
scored in **AD - KBA - Advanced Java** in 73 min on 17 Sep 2020
09:19:10 EDT

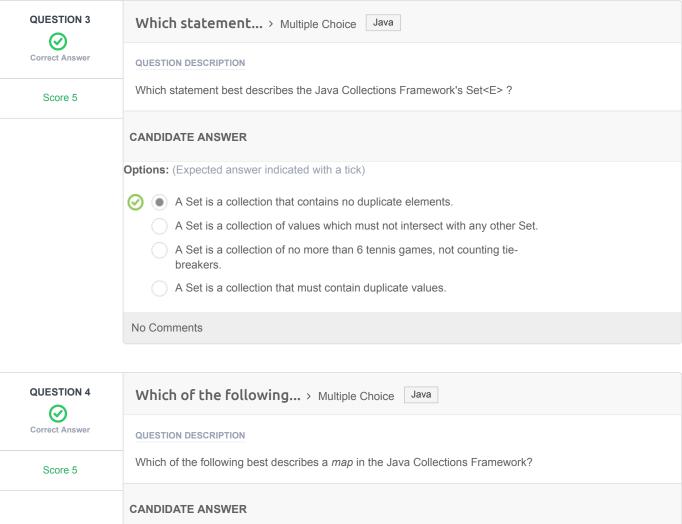
### **Recruiter/Team Comments:**

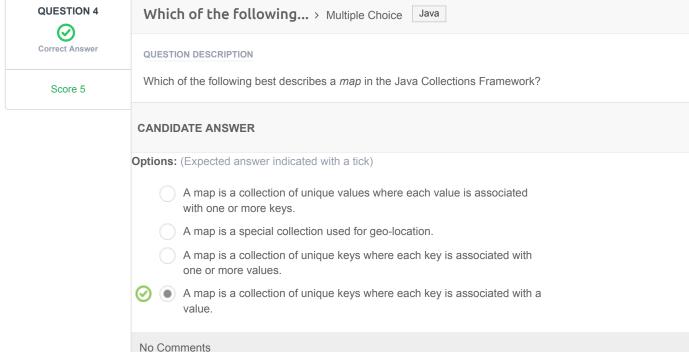
	Question Description	Time Taken	Score	Status
Q1	Which of the following> Multiple Choice	1 min 53 sec	5/ 5	<b>Ø</b>
Q2	Which of these> Multiple Choice	4 min 26 sec	5/ 5	<b>Ø</b>
Q3	Which statement > Multiple Choice	6 min 15 sec	5/ 5	<b>Ø</b>
Q4	Which of the following > Multiple Choice	10 min 11 sec	5/ 5	<b>Ø</b>
Q5	Which of the following > Multiple Choice	4 min	5/ 5	<b>Ø</b>
Q6	Call Static Method of interface > Multiple Choice	7 min 53 sec	0/5	$\otimes$
Q7	default method Interface > Multiple Choice	9 min 34 sec	0/5	$\otimes$
Q8	What is a Functional > Multiple Choice	1 min 16 sec	5/ 5	<b>Ø</b>
Q9	What is a Functional Method > Multiple Choice	4 min 27 sec	5/ 5	<b>Ø</b>
Q10	Which of the following > Multiple Choice	1 min 18 sec	5/ 5	<b>Ø</b>
Q11	Streams > Multiple Choice	3 min 41 sec	5/ 5	<b>Ø</b>
Q12	Intermediate Operations > Multiple Choice	1 min 58 sec	4.29/ 5	<b>⊘</b>
Q13	skip() > Multiple Choice	1 min 53 sec	5/ 5	<b>Ø</b>

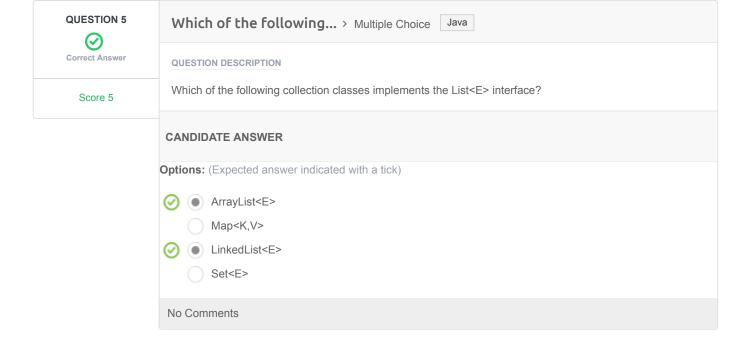
Q14	StringJoiner merge() > Multiple Choice	58 sec	5/ 5	<b>Ø</b>	Ī
Q15	What is a stream > Multiple Choice	1 min 22 sec	5/ 5	<b>②</b>	
Q16	Is main a Thread? > Multiple Choice	36 sec	5/ 5	$\odot$	
Q17	getState() > Multiple Choice	55 sec	5/ 5	$\odot$	
Q18	sleep() from MyThread vs sleep() from another Thread > Multiple Choice	1 min 28 sec	5/ 5	<b>②</b>	
Q19	sleep() vs wait() > Multiple Choice	7 min	5/ 5	<b>②</b>	
Q20	Use Multithreading > Multiple Choice	44 sec	5/ 5	$\odot$	

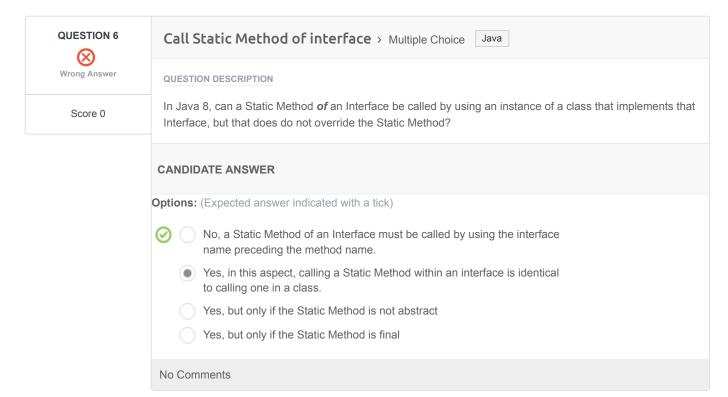














Score 0

**default method Interface** > Multiple Choice Java

QUESTION DESCRIPTION

What is the most likely output of this program?

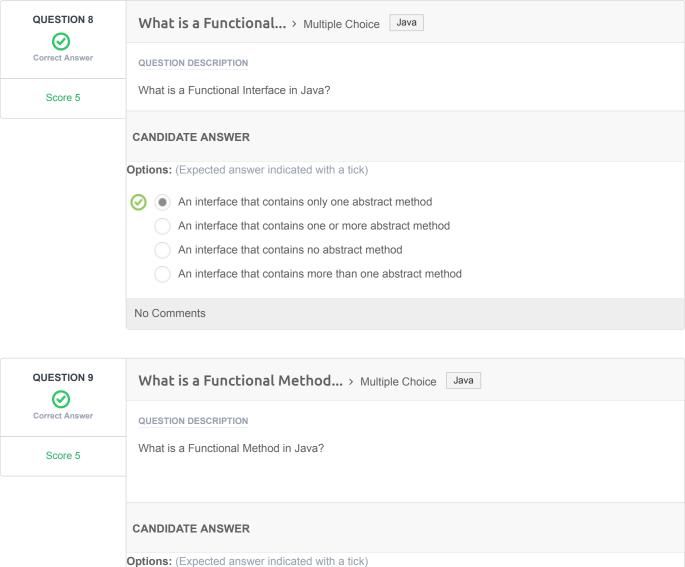
```
interface Cat {
    default String says() {
       return "miaw";
}
interface Lion {
    default String says() {
       return "ROAR!";
class Tiger implements Cat, Lion{
public class Main{
    public static void main(String args[]) {
        System.out.println(new Tiger().says());
    }
}
```

#### **CANDIDATE ANSWER**

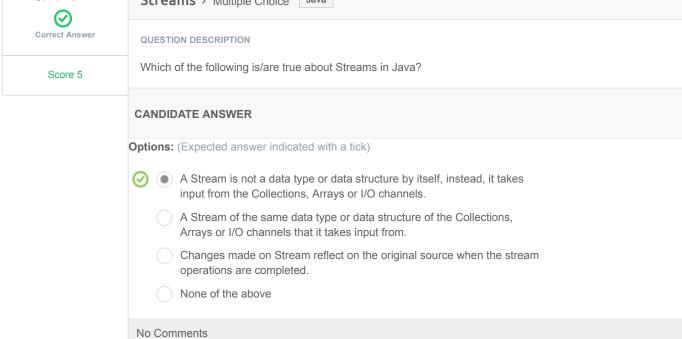
**Options:** (Expected answer indicated with a tick)

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

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



QUESTION 10	Which of the following > Multiple Choice Java
Correct Answer	QUESTION DESCRIPTION
Score 5	Which of the following is not a valid declaration of a lambda expression?
	CANDIDATE ANSWER
	Options: (Expected answer indicated with a tick)
	MyFunctionalInterface fi0 = sum(int a, int b) { return a + b;};
	MyFunctionalInterface fi1 = (int a, int b) ->{ return a + b;};
	MyFunctionalInterface fi2 = (int a, int b) -> a + b;
	MyFunctionalInterface fi3 = (a, b) -> a + b;
	No Comments
QUESTION 11	Streams > Multiple Choice Java
Correct Answer	QUESTION DESCRIPTION
Score 5	Which of the following is/are true about Streams in Java?
	CANDIDATE ANSWER



QUESTION 12	Intermediate Operations > Multiple Choice Java
Correct Answer	QUESTION DESCRIPTION
Score 4.29	Which of the following are examples of Intermediate Operations?
	CANDIDATE ANSWER
	Options: (Expected answer indicated with a tick)
	o filter()
	unsorted()
	o sorted()
	sum()
	min()
	max()
	count()
	average()
	collect()
	reduce()



Score 5

skip() > Multiple Choice Java

QUESTION DESCRIPTION

What is the most likely output of this program?

```
public class Main {
    public static void main(String[] args) {
        Integer arr[] = {1,3,5,7,9,2,4,6,8};
        Arrays.stream(arr).skip(2).sorted().skip(3)
        .forEach(x -> System.out.println(x));
    }
}
```

# **CANDIDATE ANSWER**

Options: (Expected answer indicated with a tick)



6

7

8

O

9

2

4

6

8

This code could not compile

ArrayIndexOutOfBoundsException



Score 5

StringJoiner merge() > Multiple Choice Java

QUESTION DESCRIPTION

What is the most likely output of this program?

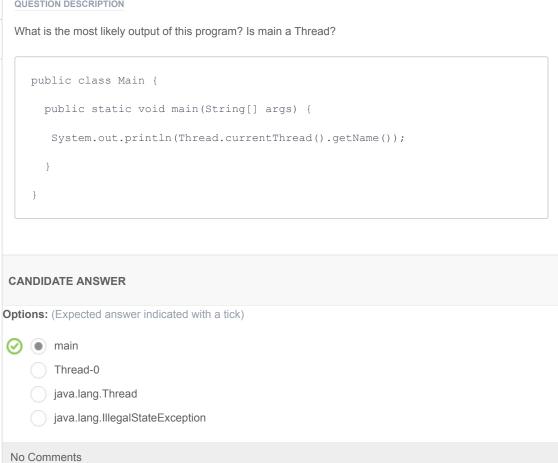
```
public class Main {
    public static void main(String[] args) {
         StringJoiner sj1 = new StringJoiner(":", "{", "}");
         StringJoiner sj2 = new StringJoiner(",", "[", "]");
         sjl.add("Name").add("Tony");
         sj2.add("LastName").add("Strak");
          System.out.println(sj1.merge(sj2).toString());
}
```

## **CANDIDATE ANSWER**

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

- (Name:Tony:LastName,Strak)
  - {Name:Tony:[LastName,Strak]}
  - Unresolved compilation problem: The method merge(":", "{", "}") in the type StringJoiner is not applicable for the arguments (",", "[", "]")
  - {[LastName,Strak,Name:Tony]}

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)
	A stream is a sequence of elements that supports various methods for sequential and parallel aggregate operations
	<ul> <li>A Stream is a framework that provides an architecture to store and manipulate the group of objects.</li> </ul>
	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	Is main a Thread? > Multiple Choice Java
Correct Answer	QUESTION DESCRIPTION
Score 5	What is the most likely output of this program? Is main a Thread?
	public class Main {
	<pre>public static void main(String[] args) {</pre>



 $\odot$ Correct Answer

Score 5

getState() > Multiple Choice Java

QUESTION DESCRIPTION

What is the most likely output of this program?

```
public class Main extends Thread {
    public static void main(String[] args) {
      System.out.println(Thread.currentThread().getState());
}
```

### **CANDIDATE ANSWER**

Options: (Expected answer indicated with a tick)





RUNNABLE



NEW



TERMINATED



Unresolved compilation problem: The method getState() is undefined for the type Thread



Score 5

# sleep() from MyThread vs sleep() from another Thread > Multiple Choice Java

QUESTION DESCRIPTION

What is the most likely output of this program?

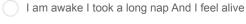
```
class MyThread extends Thread {
     public void run() {
         try {
              MyThread.sleep(2000);
              System.out.println("I took a long nap");
         } catch (InterruptedException e) {
public class Main {
     public static void main(String[] args){
         System.out.println("I am awake");
         new MyThread().start();
         System.out.println("And I feel alive");
```

#### **CANDIDATE ANSWER**

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

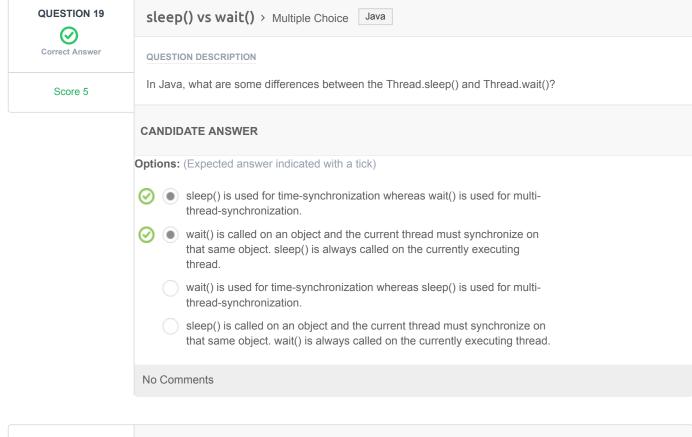


I am awake And I feel alive I took a long nap



Unresolved compilation problem: The method Sleep(int) is undefined for the type MyThread





QUESTION 20	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?
	CANDIDATE ANSWER
	Options: (Expected answer indicated with a tick)
	⊗
	By implementing the Runnable Interface
	By running your program multiple time
	Nothing, multithreading is automatic in Java
	No Comments

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