Dashboard (http://kmitonline.com/student/dashboard.php) / Quiz

Started on	Wednesday, 14 May 2025, 12:40 PM
State	Finished
Completed on	Wednesday, 14 May 2025, 1:02 PM
Time taken	21 mins 21 secs
Marks	18.00/20.00
Grade	<b>90.00</b> out of 100.00

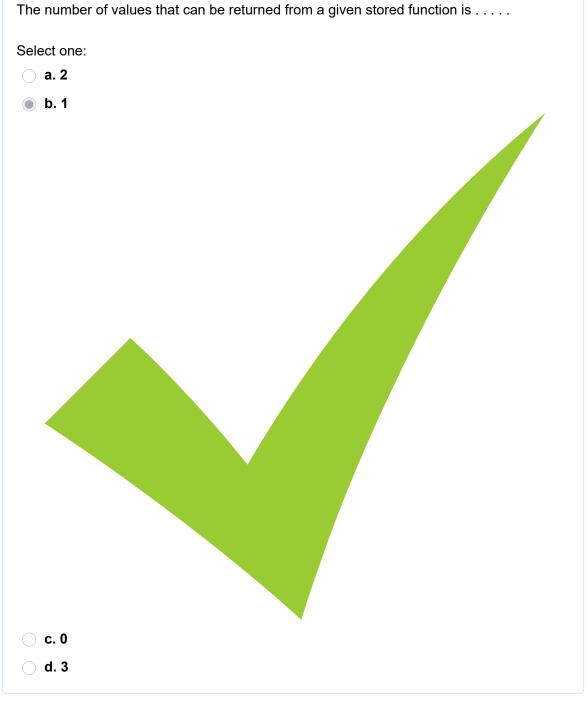
Question

1

Correct

Mark 1.00 out of

1.00



The correct answer is: 1

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Correct

Mark 1.00 out of 1.00

What is the result of the following code? (Choose all that apply)

13: String a = "";

14: a += 2;

15: a += 'c';

16: a += false;

17: if ( a == "2cfalse") System.out.println("==");

18: if ( a.equals("2cfalse")) System.out.println("equals");

#### Select one:

- a. An exception is thrown.
- b. equals



- d. Compile error on line 15.
- e. Compile error on line 16.
- f. Compile error on line 14.
- g. ==

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The correct answer is: equals

Question

3

Correct

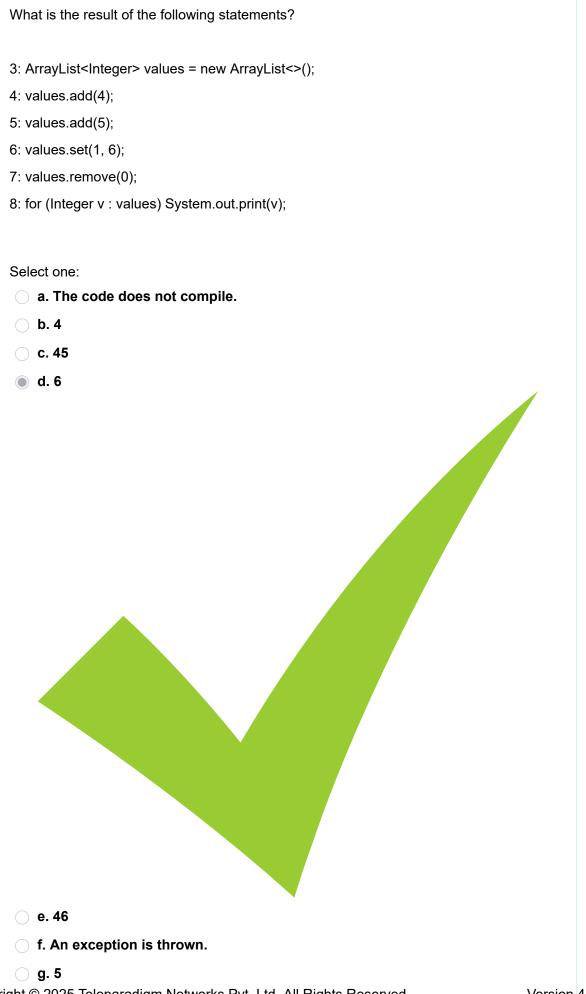
Mark 1.00 out of 1.00



The correct answer is: Key

Correct

Mark 1.00 out of 1.00



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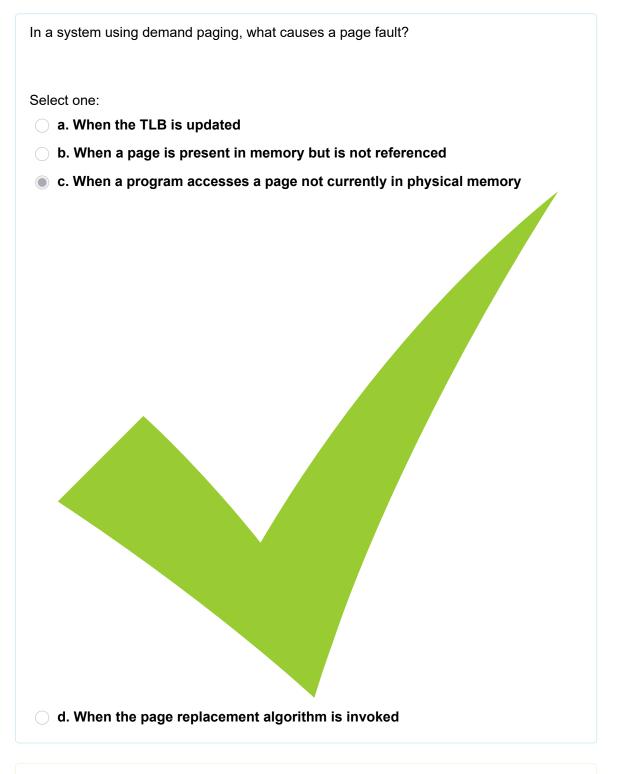
The correct answer is: 6

#### Question

5

Correct

Mark 1.00 out of 1.00



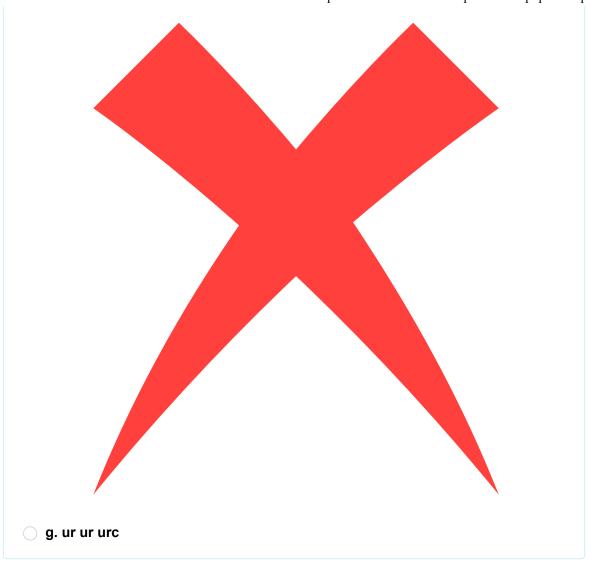
The correct answer is: When a program accesses a page not currently in physical memory

6

Incorrect

Mark 0.00 out of 1.00

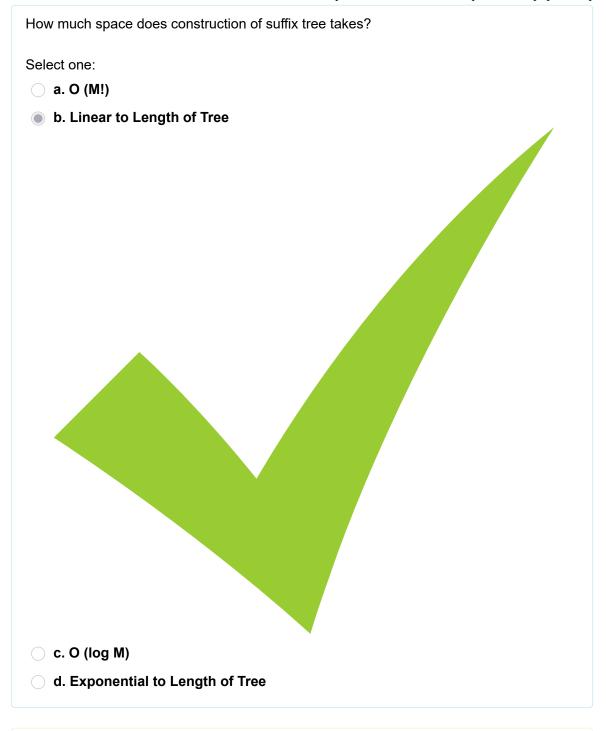
```
What is the result of the following?
1: public class Order {
    static String result = "";
3:
   { result += "c"; }
    static
4:
   { result += "u"; }
5:
   { result += "r"; }
7:}
1: public class OrderDriver {
2: public static void main(String[] args) {
     System.out.print(Order.result + " ");
     System.out.print(Order.result + " ");
4:
5:
     new Order();
     new Order();
6:
     System.out.print(Order.result + " ");
8: }
9: }
Select one:
a. u u curcur
b. ucrcr
o. u u ucrcr
d. The code does not compile
e. curur
f. u ucrcr
```



The correct answer is: u u ucrcr

### Question Correct

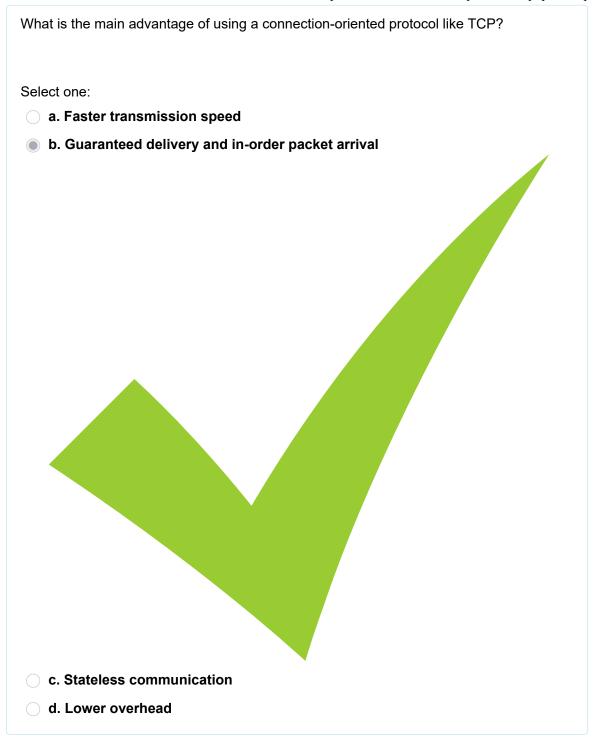
Mark 1.00 out of 1.00



The correct answer is: Linear to Length of Tree

Correct

Mark 1.00 out of 1.00



The correct answer is: Guaranteed delivery and in-order packet arrival

9

Correct

Mark 1.00 out of 1.00



The correct answer is: It is a self-balancing binary search tree.

Question 10 Correct Mark 1.00 out of 1.00



Correct

Mark 1.00 out of 1.00



The correct answer is: Incomplete

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Correct

Mark 1.00 out of 1.00

What will be the output of the following MySQL statement?	
SELECT account_id, product_id, cust_id FROM account WHERE product_id IN ('sav', 'chd', 'mm');	
Select one:  a. All of the mentioned	
<ul><li>b. Only those values are selected whose product_id is either 'sav', 'chd'</li></ul>	
○ c. Only those values are selected whose product_id is either 'sav'	
d. Only those values are selected whose product_id is either 'sav', 'chd', 'mm'	

The correct answer is: Only those values are selected whose product\_id is either 'sav', 'chd', 'mm'

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Correct

Mark 1.00 out of 1.00

```
What is the output of the following code?
import rope.*;
import static rope.Rope.*;
public class RopeSwing {
private static Rope rope1 = new Rope();
private static Rope rope2 = new Rope();
{
System.out.println(rope1.length);
}
public static void main(String[] args) {
rope1.length = 2;
rope2.length = 8;
System.out.println(rope1.length);
}
}
package rope;
public class Rope {
public static int length = 0;
}
Select one:
a. 02
b. An exception is thrown.
c. 08
d. The code does not compile.
O e. 2
f. 8
```



The correct answer is: 8

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Correct

Mark 1.00 out of 1.00

which data structure is commonly used to implement the priority queues? Select one: a. AVL Tree b. Binary Search Tree c. Heap d. Red-Black Tree

The correct answer is: Heap

Correct

Mark 1.00 out of 1.00

Which of the following scheduling algorithms may lead to starvation? Select one: a. Multilevel Queue with Round Robin in all queues b. Round Robin c. First-Come-First-Serve d. Shortest Job Next

The correct answer is: Shortest Job Next

Incorrect

Mark 0.00 out of 1.00

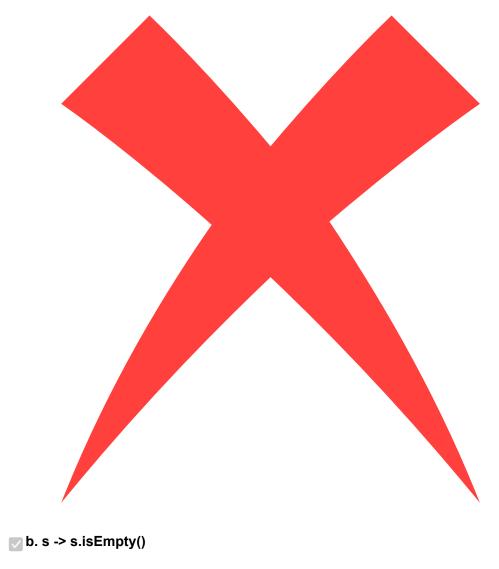
Which of the following lambda expressions can fill in the blank? (Choose all that apply)

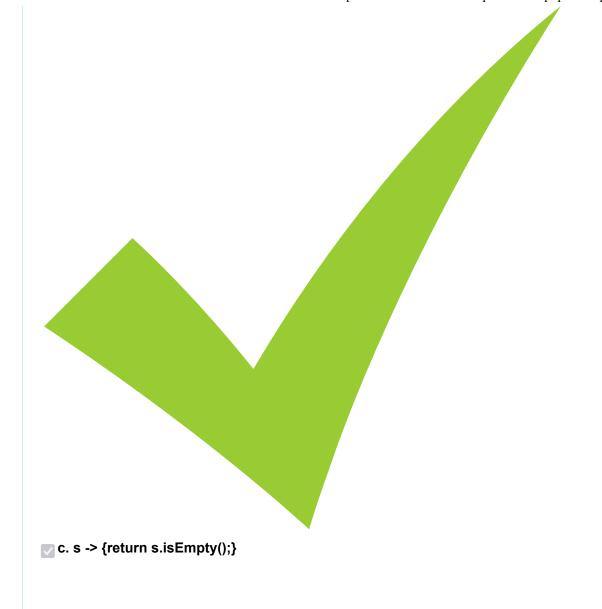
List<String> list = new ArrayList<>();

list.removelf(\_\_\_\_\_\_\_);

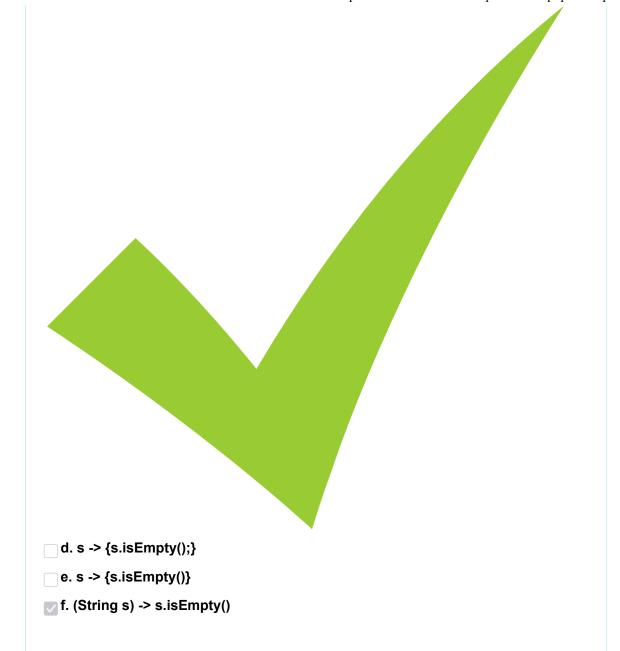
Select one or more:

a. String s -> s.isEmpty()





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The correct answer is:  $s \rightarrow s.isEmpty()$ ,  $s \rightarrow \{return s.isEmpty();\}$ , (String  $s) \rightarrow s.isEmpty()$ ) s.isEmpty()

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Correct

Mark 1.00 out of 1.00

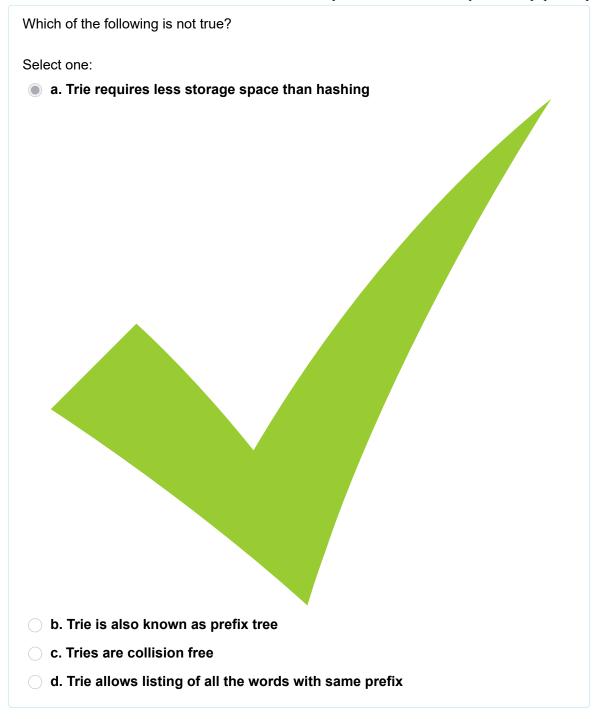
Which of the following testing techniques is based on the internal structure of the program? Select one: a. Equivalence partitioning b. Black-box testing c. White-box testing d. Boundary value analysis

The correct answer is: White-box testing

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Correct

Mark 1.00 out of 1.00



The correct answer is: Trie requires less storage space than hashing

Correct

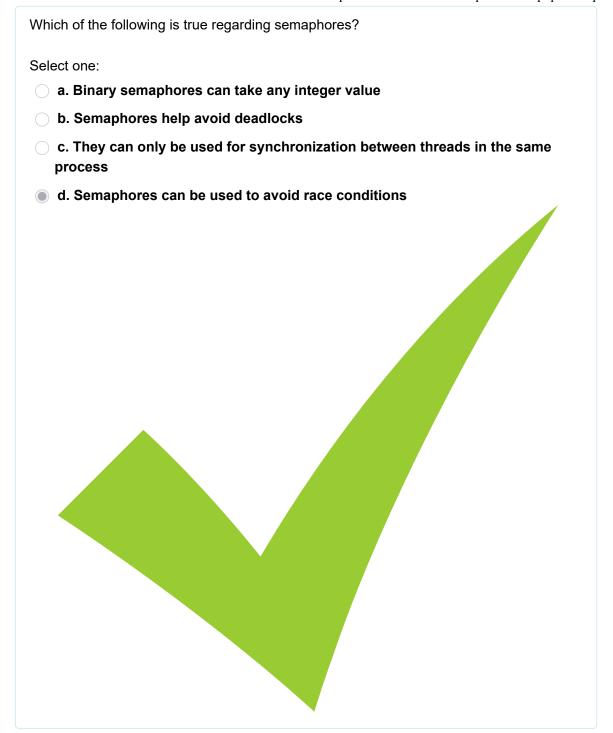
Mark 1.00 out of 1.00



The correct answer is: Routing of packets

Correct

Mark 1.00 out of 1.00



The correct answer is: Semaphores can be used to avoid race conditions

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