



The University of the West Indies, St. Augustine
COMP 2603 Object Oriented Programming I
Assignment 1 Grade Sheet
2020/2021 Semester 2

Kc Mentor-Alexis (816018833)

80.23%

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Criteria	Mark
VirtualMeetingSystem	15.0
VirtualRoom	23.5
BreakoutRoom	22.5
Participant	8.0
Total (out of 86.0)	69.0

VirtualMeetingSystem Class

Passed 7/10; Failed 3/10.

Method	<code>createVirtualRoom(String)</code>	2.0 / 2.0
Method	<code>listParticipants(int)</code>	3.0 / 3.0
Method	<code>openBreakoutRoom(int)</code>	2.0 / 2.0
Method	<code>closeBreakoutRoom(int)</code>	2.0 / 2.0
Method	<code>listAllBreakoutRooms()</code>	2.0 / 2.0
Method	<code>findParticipantBreakoutRoom(String)</code>	2.0 / 2.0
Method	<code>listParticipantsInAllBreakoutRooms()</code>	2.0 / 2.0
Method	<code>loadParticipantData(String)</code>	0.0 / 5.0
<p>Does not work as anticipated: produced java.lang.NullPointerException: Cannot invoke "java.util.Scanner.hasNext()" because "this.data" is null. We expect your method to run without problems, but instead yours contains bad code that creates problems.</p> <p>Check <code>VirtualMeetingSystem()</code> constructor exists and is accessible ✓</p> <p>Check <code>public void loadParticipantData(String)</code> method exists and defined properly ✓</p> <p>Check <code>VirtualMeetingSystem()</code> constructor creates instances ✓</p> <p>Check <code>loadParticipantData(String)</code> method runs with args ("src/al/test/resources/participant.dat") ✗</p>		
Method	<code>allocateParticipants(String)</code>	0.0 / 10.0
<p>Cannot be further tested because testing relies on the <code>loadParticipantData</code> method that does not work as anticipated: produced java.lang.NullPointerException: Cannot invoke "java.util.Scanner.hasNext()" because "this.data" is null. We expect your method to run without problems, but instead yours contains bad code that creates problems.</p> <p>Check <code>VirtualMeetingSystem()</code> constructor exists and is accessible ✓</p> <p>Check <code>loadParticipantData(String)</code> method exists and is accessible ✓</p>		

Check <code>createVirtualRoom(String)</code> method exists and is accessible	✓
Check <code>public void allocateParticipants(String)</code> method exists and defined properly	✓
Check <code>VirtualMeetingSystem()</code> constructor creates instances	✓
Check <code>loadParticipantData(String)</code> method runs with args (<code>"src/al/test/resources/participant.dat"</code>)	✗

Method	<code>addParticipant(String, int)</code>	0.0 / 2.0
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Cannot be further tested because testing relies on the `loadParticipantData` method that does not work as anticipated: produced `java.lang.NullPointerException: Cannot invoke "java.util.Scanner.hasNext()" because "this.data" is null`. We expect your method to run without problems, but instead yours contains bad code that creates problems.

Check <code>VirtualMeetingSystem()</code> constructor exists and is accessible	✓
Check <code>loadParticipantData(String)</code> method exists and is accessible	✓
Check <code>createVirtualRoom(String)</code> method exists and is accessible	✓
Check <code>openBreakoutRoom(int)</code> method exists and is accessible	✓
Check <code>public boolean addParticipant(String, int)</code> method exists and defined properly	✓
Check <code>VirtualMeetingSystem()</code> constructor creates instances	✓
Check <code>loadParticipantData(String)</code> method runs with args (<code>"src/al/test/resources/participant.dat"</code>)	✗

VirtualRoom Class

Passed 13/14; Partially passed 1/14.

Attribute	<code>breakoutRooms</code>	1.0 / 1.0
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Attribute	<code>breakoutRoomLimit</code>	1.0 / 1.0
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Attribute	<code>name</code>	1.0 / 1.0
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Constructor	<code>VirtualRoom(String)</code>	2.0 / 2.0
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Method	<code>listBreakoutRooms()</code>	2.0 / 2.0
Method	<code>findBreakoutRoom(int)</code>	2.0 / 2.0
Method	<code>createBreakoutRooms()</code>	2.0 / 2.0
Method	<code>openBreakoutRoom(int)</code>	2.0 / 2.0
Method	<code>closeBreakoutRoom(int)</code>	2.0 / 2.0
Method	<code>findParticipantBreakoutRoom(String)</code>	2.0 / 2.0
Method	<code>getNumberOfBreakoutRooms()</code>	1.0 / 1.0
Method	<code>listParticipantsInBreakoutRoom(int)</code>	2.0 / 2.0
Method	<code>addParticipantToBreakoutRoom(String, int)</code>	2.0 / 2.0
Constructor	<code>VirtualRoom(String, int)</code>	1.5 / 2.0
Does not initialize the breakoutRooms attribute. We expect your constructor to initialize a particular set of instance attributes, but yours doesn't.		
Check <code>public VirtualRoom(String, int)</code> constructor exists and defined properly		✓
Check <code>VirtualRoom(String, int)</code> constructor creates instances with args (<code>"VirtualRoom"</code> , <code>10</code>) +0.5		✓
Check name attribute equals <code>"VirtualRoom"</code> +0.5		✓
Check <code>breakoutRoomLimit</code> attribute equals <code>10</code> +0.5		✓
Check <code>breakoutRooms</code> attribute equals an array with size 10		✗

BreakoutRoom Class

Passed 15/16; Partially passed 1/16.

Attribute	<code>breakoutRoomID</code>	1.0 / 1.0
Attribute	<code>breakoutRoomSize</code>	1.0 / 1.0

Attribute	<code>participants</code>	1.0 / 1.0
Attribute	<code>numberOfParticipants</code>	1.0 / 1.0
Attribute	<code>open</code>	1.0 / 1.0
Attribute	<code>breakoutRoomNumberCounter</code>	1.0 / 1.0
Method	<code>findParticipant(String)</code>	2.0 / 2.0
Method	<code>toString()</code>	2.0 / 2.0
Method	<code>getBreakoutRoomID()</code>	1.0 / 1.0
Method	<code>getOpen()</code>	1.0 / 1.0
Method	<code>addParticipant(String)</code>	2.0 / 2.0
Method	<code>listParticipants()</code>	2.0 / 2.0
Method	<code>openBreakoutRoom()</code>	1.0 / 1.0
Method	<code>closeBreakoutRoom()</code>	1.0 / 1.0
Method	<code>getNumberOfParticipants()</code>	1.0 / 1.0
Constructor	<code>BreakoutRoom(String)</code>	3.5 / 3.0

Participant Class

Passed 5/5.

Attribute	<code>participantID</code>	1.0 / 1.0
Constructor	<code>Participant(String)</code>	2.0 / 2.0
Method	<code>toString()</code>	2.0 / 2.0
Method	<code>verifyID(String)</code>	2.0 / 2.0

Method

`getParticipantID()`

1.0 / 1.0