



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

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63.37%

**B-**

Criteria	Mark
VirtualMeetingSystem	21.0
VirtualRoom	8.0
BreakoutRoom	14.5
Participant	7.0
Bonuses	+5.0
Deductions	-1.0
<b>Total (out of 86.0)</b>	<b>54.5</b>

## Grade Changes

Observe any deductions or bonuses that you have incurred or earned.

Bonuses	
Question Bonus: allocateParticipants(String)	+5.0
Deductions	
Formatting Error: Incorrect archive format (please use .zip)	-1

## VirtualMeetingSystem Class

Passed 6/10; Partially passed 1/10; Failed 3/10.

Method	<code>createVirtualRoom(String)</code>	2.0 / 2.0
Method	<code>allocateParticipants(String)</code>	10.0 / 10.0
Method	<code>addParticipant(String, int)</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>listAllBreakoutRooms()</code>	2.0 / 2.0
Method	<code>listParticipants(int)</code>	0.0 / 3.0
Does not work as anticipated: produced java.lang.NullPointerException: Cannot load from object array because "this.participants" 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>createVirtualRoom(String)</code> method exists and is accessible		✓
Check <code>openBreakoutRoom(int)</code> method exists and is accessible		✓
Check <code>addParticipant(String, int)</code> method exists and is accessible		✓

Check <code>public String listParticipants(int)</code> method exists and defined properly	✓
Check <code>VirtualMeetingSystem()</code> constructor creates instances	✓
Check <code>createVirtualRoom(String)</code> method runs with args <code>("VirtualRoom")</code>	✓
Check <code>openBreakoutRoom(int)</code> method runs with args <code>(1)</code>	✓
Check <code>addParticipant(String, int)</code> method runs with args <code>("12345678", 1)</code>	✓
Check <code>listParticipants(int)</code> method returns a string containing "VirtualRoom" with args <code>(1)</code>	✗

Method	<code>findParticipantBreakoutRoom(String)</code>	0.0 / 2.0
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Does not work as anticipated: produced java.lang.NullPointerException: Cannot invoke "out.Raveena\_Ramnarine\_657853\_assignsubmission\_file\_.BreakoutRoom.findParticipant(String)" because "breakoutRooms" 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>createVirtualRoom(String)</code> method exists and is accessible	✓
Check <code>openBreakoutRoom(int)</code> method exists and is accessible	✓
Check <code>addParticipant(String, int)</code> method exists and is accessible	✓
Check <code>public String findParticipantBreakoutRoom(String)</code> method exists and defined properly	✓
Check <code>VirtualMeetingSystem()</code> constructor creates instances	✓
Check <code>createVirtualRoom(String)</code> method runs with args <code>("VirtualRoom")</code>	✓
Check <code>openBreakoutRoom(int)</code> method runs with args <code>(1)</code>	✓
Check <code>addParticipant(String, int)</code> method runs with args <code>("12345678", 1)</code>	✓
Check <code>findParticipantBreakoutRoom(String)</code> method returns not null with args <code>("12345678")</code>	✗

Method	<code>listParticipantsInAllBreakoutRooms()</code>	0.0 / 2.0
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Is not defined. We expect your attribute, method or constructor to be defined in a particular way, but yours isn't or not defined at all.

Check <code>VirtualMeetingSystem()</code> constructor 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>addParticipant(String, int)</code> method exists and is accessible	✓
Check <code>public String listParticipantsInAllBreakoutRooms()</code> method exists and defined properly	✗

Method	<code>loadParticipantData(String)</code>	1.0 / 5.0
Does not alter the <code>partID</code> attribute as it should. We expect your method to change the values of a particular set of instance attributes, but yours doesn't, or it does it in an unanticipated way.		
Check <code>VirtualMeetingSystem()</code> constructor exists and is accessible		✓
Check <code>public void loadParticipantData(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> )		✓
Check first attribute with type <code>String[]</code> equals an array with size 50		✓
Check <code>partID</code> attribute equals an array with size 50 +1.0		✓
Check first attribute with type <code>String[]</code> equals not an array containing null +1.0		✓
Check <code>partID</code> attribute equals not an array containing null		✗

## VirtualRoom Class

Passed 6/14; Failed 8/14.

Attribute	<code>breakoutRooms</code>	1.0 / 1.0
Attribute	<code>breakoutRoomLimit</code>	1.0 / 1.0
Attribute	<code>name</code>	1.0 / 1.0

Constructor	<code>VirtualRoom(String, int)</code>	2.0 / 2.0
Constructor	<code>VirtualRoom(String)</code>	2.0 / 2.0
Method	<code>getNumberOfBreakoutRooms()</code>	1.0 / 1.0
Method	<code>listBreakoutRooms()</code>	0.0 / 2.0
Is not testable because testing relies on the <code>createBreakoutRooms</code> method that is not defined. We expect your attribute, method or constructor to be defined in a particular way, but yours isn't or not defined at all.		
Check <code>VirtualRoom(String)</code> constructor exists and is accessible		✓
Check <code>createBreakoutRooms()</code> method exists and is accessible		✗
Method	<code>findBreakoutRoom(int)</code>	0.0 / 2.0
Is not testable because testing relies on the <code>createBreakoutRooms</code> method that is not defined. We expect your attribute, method or constructor to be defined in a particular way, but yours isn't or not defined at all.		
Check <code>VirtualRoom(String)</code> constructor exists and is accessible		✓
Check <code>createBreakoutRooms()</code> method exists and is accessible		✗
Method	<code>createBreakoutRooms()</code>	0.0 / 2.0
Is not defined. We expect your attribute, method or constructor to be defined in a particular way, but yours isn't or not defined at all.		
Check <code>VirtualRoom(String)</code> constructor exists and is accessible		✓
Check <code>breakoutRooms</code> attribute exists		✓
Check <code>public void createBreakoutRooms()</code> method exists and defined properly		✗
Method	<code>openBreakoutRoom(int)</code>	0.0 / 2.0
Is not testable because testing relies on the <code>createBreakoutRooms</code> method that is not defined. We expect your attribute, method or constructor to be defined in a particular way, but yours isn't or not defined at all.		
Check <code>VirtualRoom(String)</code> constructor exists and is accessible		✓
Check <code>createBreakoutRooms()</code> method exists and is accessible		✗

Method	<code>closeBreakoutRoom(int)</code>	0.0 / 2.0
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Is not testable because testing relies on the `createBreakoutRooms` method that is not defined. We expect your attribute, method or constructor to be defined in a particular way, but yours isn't or not defined at all.

Check <code>VirtualRoom(String)</code> constructor exists and is accessible	✓
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Check <code>createBreakoutRooms()</code> method exists and is accessible	✗
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Method	<code>findParticipantBreakoutRoom(String)</code>	0.0 / 2.0
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Is not testable because testing relies on the `createBreakoutRooms` method that is not defined. We expect your attribute, method or constructor to be defined in a particular way, but yours isn't or not defined at all.

Check <code>VirtualRoom(String)</code> constructor exists and is accessible	✓
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Check <code>createBreakoutRooms()</code> method exists and is accessible	✗
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Method	<code>listParticipantsInBreakoutRoom(int)</code>	0.0 / 2.0
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Is not testable because testing relies on the `createBreakoutRooms` method that is not defined. We expect your attribute, method or constructor to be defined in a particular way, but yours isn't or not defined at all.

Check <code>VirtualRoom(String)</code> constructor exists and is accessible	✓
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Check <code>createBreakoutRooms()</code> method exists and is accessible	✗
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Method	<code>addParticipantToBreakoutRoom(String, int)</code>	0.0 / 2.0
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Is not testable because testing relies on the `createBreakoutRooms` method that is not defined. We expect your attribute, method or constructor to be defined in a particular way, but yours isn't or not defined at all.

Check <code>VirtualRoom(String)</code> constructor exists and is accessible	✓
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Check <code>createBreakoutRooms()</code> method exists and is accessible	✗
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## BreakoutRoom Class

Passed 11/16; Partially passed 2/16; Failed 3/16.

Attribute	<code>breakoutRoomID</code>	1.0 / 1.0
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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>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>openBreakoutRoom()</code>	1.0 / 1.0
Method	<code>closeBreakoutRoom()</code>	1.0 / 1.0
Constructor	<code>BreakoutRoom(String)</code>	2.0 / 3.0
Does not initialize the participants attribute. We expect your constructor to initialize a particular set of instance attributes, but yours doesn't.		
Check <code>public BreakoutRoom(String)</code> constructor exists and defined properly		✓
Check <code>BreakoutRoom(String)</code> constructor creates instances with args <code>("Room1")</code> +1.0		✓
Check <code>breakoutRoomID</code> attribute equals <code>not null</code> +0.5		✓
Check <code>breakoutRoomSize</code> attribute equals <code>10</code> +0.5		✓
Check <code>participants</code> attribute equals an array with size 10		✗
Method	<code>findParticipant(String)</code>	0.0 / 2.0
Does not work as anticipated: produced <code>java.lang.NullPointerException: Cannot load from object array because "this.participants" is null</code> . We expect your method to run without problems, but instead yours contains bad code that creates problems.		
Check <code>BreakoutRoom(String)</code> constructor exists and is accessible		✓
Check <code>addParticipant(String)</code> method exists and is accessible		✓

Check <code>openBreakoutRoom()</code> method exists and is accessible	✓
Check <code>public Participant findParticipant(String)</code> method exists and defined properly	✓
Check <code>BreakoutRoom(String)</code> constructor creates instances with args ( "Room1" )	✓
Check <code>openBreakoutRoom()</code> method runs	✓
Check <code>addParticipant(String)</code> method runs with args ( "10000000" )	✓
Check <code>findParticipant(String)</code> method returns not null with args ( "10000000" )	✗

Method	<code>listParticipants()</code>	0.0 / 2.0
Does not work as anticipated: produced <code>java.lang.NullPointerException: Cannot load from object array because "this.participants" is null. We expect your method to run without problems, but instead yours contains bad code that creates problems.</code>		
Check <code>BreakoutRoom(String)</code> constructor exists and is accessible	✓	
Check <code>addParticipant(String)</code> method exists and is accessible	✓	
Check <code>openBreakoutRoom()</code> method exists and is accessible	✓	
Check <code>breakoutRoomID</code> attribute exists	✓	
Check <code>public String listParticipants()</code> method exists and defined properly	✓	
Check <code>BreakoutRoom(String)</code> constructor creates instances with args ( "Room1" )	✓	
Check <code>openBreakoutRoom()</code> method runs	✓	
Check <code>addParticipant(String)</code> method runs with args ( "10000000" )	✓	
Check <code>listParticipants()</code> method returns string containing attribute <code>breakoutRoomID</code>	✗	

Method	<code>getNumberOfParticipants()</code>	0.0 / 1.0
Is not defined. We expect your attribute, method or constructor to be defined in a particular way, but yours isn't or not defined at all.		
Check <code>BreakoutRoom(String)</code> constructor exists and is accessible	✓	
Check <code>numberOfParticipants</code> attribute exists	✓	
Check <code>public int getNumberOfParticipants()</code> method exists and defined properly	✗	



Method	toString()	0.5 / 2.0
Returns some values but not all. We expect your method to return a set of values, but instead yours returns only some.		
Check BreakoutRoom(String) constructor exists and is accessible		✓
Check breakoutRoomID attribute exists		✓
Check numberOfParticipants attribute exists		✓
Check public String toString() method exists and defined properly		✓
Check BreakoutRoom(String) constructor creates instances with args ( "Room1" )		✓
Check openBreakoutRoom( ) method runs		✓
Check toString() method returns string containing attribute breakoutRoomID +0.5		✓
Check toString() method returns string containing attribute numberOfParticipants		✗

## Participant Class

Passed 4/5; Partially passed 1/5.

Attribute	participantID	1.0 / 1.0
Method	toString()	2.0 / 2.0
Method	verifyID(String)	2.0 / 2.0
Method	getParticipantID()	1.0 / 1.0
Constructor	Participant(String)	1.0 / 2.0
Does not initialize the participantID attribute. We expect your constructor to initialize a particular set of instance attributes, but yours doesn't.		
Check public Participant(String) constructor exists and defined properly		✓
Check Participant(String) constructor creates instances with args ( "12345678" ) +1.0		✓
Check participantID attribute equals equalToIgnoringWhiteSpace( "12345678" )		✗