



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

Brandon James (815006970)

90.12%

A+

Criteria	Mark
VirtualMeetingSystem	26.0
VirtualRoom	19.0
BreakoutRoom	19.5
Participant	8.0
Bonuses	+5.0
Total (out of 86.0)	77.5

Grade Changes

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

Bonuses	
Question Bonus: allocateParticipants(String)	+5.0

VirtualMeetingSystem Class

Passed 8/10; Partially passed 1/10; Failed 1/10.

Method	createVirtualRoom(String)	2.0 / 2.0
Method	allocateParticipants(String)	10.0 / 10.0
Method	addParticipant(String, int)	2.0 / 2.0
Method	listParticipants(int)	3.0 / 3.0
Method	openBreakoutRoom(int)	2.0 / 2.0
Method	closeBreakoutRoom(int)	2.0 / 2.0
Method	listAllBreakoutRooms()	2.0 / 2.0
Method	listParticipantsInAllBreakoutRooms()	2.0 / 2.0
Method	findParticipantBreakoutRoom(String)	0.0 / 2.0
Takes too long to execute. We expect your method to run within a reasonable amount of time, but yours didn't; it may contain infinite loops or other functionality that makes it take an unreasonable time to run.		
Check VirtualMeetingSystem() constructor exists and is accessible		✓
Check createVirtualRoom(String) method exists and is accessible		✓
Check openBreakoutRoom(int) method exists and is accessible		✓
Check addParticipant(String, int) 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>loadParticipantData(String)</code>	1.0 / 5.0
Does not alter the <code>participantData</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>participantData</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>participantData</code> attribute equals not an array containing null		✗

VirtualRoom Class

Passed 10/14; Partially passed 2/14; Failed 2/14.

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	name	1.0 / 1.0
Constructor	VirtualRoom(String, int)	2.0 / 2.0
Method	findBreakoutRoom(int)	2.0 / 2.0
Method	openBreakoutRoom(int)	2.0 / 2.0
Method	closeBreakoutRoom(int)	2.0 / 2.0
Method	getNumberOfBreakoutRooms()	1.0 / 1.0
Method	listParticipantsInBreakoutRoom(int)	2.0 / 2.0
Method	addParticipantToBreakoutRoom(String, int)	2.0 / 2.0
Constructor	VirtualRoom(String)	1.5 / 2.0
<p>Does not initialize the breakoutRooms attribute. We expect your constructor to initialize a particular set of instance attributes, but yours doesn't.</p> <p>Check <code>public VirtualRoom(String)</code> constructor exists and defined properly ✓</p> <p>Check <code>VirtualRoom(String)</code> constructor creates instances with args ("VirtualRoom") +0.5 ✓</p> <p>Check <code>name</code> attribute equals "VirtualRoom" +0.5 ✓</p> <p>Check <code>breakoutRoomLimit</code> attribute equals 5 +0.5 ✓</p> <p>Check <code>breakoutRooms</code> attribute equals an array with size 5 ✗</p>		
Method	createBreakoutRooms()	0.0 / 2.0
<p>Cannot be further tested because testing relies on another method that Does not alter the breakoutRooms 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.</p> <p>Check <code>VirtualRoom(String)</code> constructor exists and is accessible ✓</p> <p>Check <code>breakoutRooms</code> attribute exists ✓</p> <p>Check <code>public void createBreakoutRooms()</code> method exists and defined properly ✓</p> <p>Check <code>VirtualRoom(String)</code> constructor creates instances with args ("VirtualRoom") ✓</p>		

Check <code>createBreakoutRooms()</code> method runs	✓
Check <code>breakoutRooms</code> attribute equals not an array containing null	✗

Method	<code>findParticipantBreakoutRoom(String)</code>	0.0 / 2.0
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Takes too long to execute. We expect your method to run within a reasonable amount of time, but yours didn't; it may contain infinite loops or other functionality that makes it take an unreasonable time to run.

Check <code>VirtualRoom(String)</code> constructor exists and is accessible	✓
Check <code>createBreakoutRooms()</code> method exists and is accessible	✓
Check <code>listParticipantsInBreakoutRoom(int)</code> method exists and is accessible	✓
Check <code>addParticipantToBreakoutRoom(String, int)</code> method exists and is accessible	✓
Check <code>public String findParticipantBreakoutRoom(String)</code> method exists and defined properly	✓
Check <code>VirtualRoom(String)</code> constructor creates instances with args (<code>"VirtualRoom"</code>)	✓
Check <code>createBreakoutRooms()</code> method runs	✓
Check <code>openBreakoutRoom(int)</code> method runs with args (<code>1</code>)	✓
Check <code>addParticipantToBreakoutRoom(String, int)</code> method runs with args (<code>"12345678"</code> , <code>1</code>)	✓
Check <code>findParticipantBreakoutRoom(String)</code> method returns not null with args (<code>"12345678"</code>)	✗

Method	<code>listBreakoutRooms()</code>	1.5 / 2.0
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Returns correct information in an incorrect format. We expect your method to return a particular value in a given format, but instead yours returns the value in another format.

Check <code>VirtualRoom(String)</code> constructor exists and is accessible	✓
Check <code>createBreakoutRooms()</code> method exists and is accessible	✓
Check <code>public String listBreakoutRooms()</code> method exists and defined properly	✓
Check <code>VirtualRoom(String)</code> constructor creates instances with args (<code>"VirtualRoom"</code>)	✓
Check <code>createBreakoutRooms()</code> method runs	✓
Check <code>listBreakoutRooms()</code> method returns string containing attribute name +1.5	✓

Check `listBreakoutRooms()` method returns string containing attribute `breakoutRooms` in format `"breakoutRoom_1.toString() \n breakoutRoom_2.toString() \n ... breakoutRoom_n.toString()"`



BreakoutRoom Class

Passed 14/16; Partially passed 1/16; Failed 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
Constructor	<code>BreakoutRoom(String)</code>	3.0 / 3.0
Method	<code>findParticipant(String)</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>	0.0 / 1.0
Returns abnormal values. We expect your method to return a particular value, but instead yours returns a		

value that is not feasible nor valid.

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	✓
Check <code>BreakoutRoom(String)</code> constructor creates instances with args ("Room1")	✓
Check <code>getNumberOfParticipants()</code> method returns value equal to attribute <code>numberOfParticipants</code>	✗

Method	<code>toString()</code>	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 <code>BreakoutRoom(String)</code> constructor exists and is accessible		✓
Check <code>breakoutRoomID</code> attribute exists		✓
Check <code>numberOfParticipants</code> attribute exists		✓
Check <code>public String toString()</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>toString()</code> method returns string containing attribute <code>breakoutRoomID +0.5</code>		✓
Check <code>toString()</code> method returns string containing attribute <code>numberOfParticipants</code>		✗

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
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Method	<code>getParticipantID()</code>	1.0 / 1.0
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