



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

Chelsea Joyeau (816020515)

100.00%

A+

Criteria	Mark
VirtualMeetingSystem	26.0
VirtualRoom	21.5
BreakoutRoom	22.0
Participant	8.0
Bonuses	+10.0
Total (out of 86.0)	86.0

Grade Changes

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

Bonuses	
Merit Bonus: Early submission	+5.0
Question Bonus: allocateParticipants(String)	+5.0

VirtualMeetingSystem Class

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

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>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>listParticipantsInAllBreakoutRooms()</code>	2.0 / 2.0
Method	<code>findParticipantBreakoutRoom(String)</code>	0.0 / 2.0
Does not work as anticipated: produced java.lang.NullPointerException: Cannot invoke "out.Chelsea_Joyeau_657671_assignsubmission_file_.Participant.getParticipantID()" because "this.participants[location]" 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>loadParticipantData(String)</code>	1.0 / 5.0
Does not alter the participants 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>participants</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>participants</code> attribute equals not an array containing null	✗	

VirtualRoom Class

Passed 12/14; Partially passed 1/14; Failed 1/14.

Attribute	<code>breakoutRooms</code>	1.0 / 1.0
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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>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>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
Method	<code>findParticipantBreakoutRoom(String)</code>	0.0 / 2.0
<p>Does not work as anticipated: produced java.lang.NullPointerException: Cannot invoke "out.Chelsea_Joyeau_657671_assignsubmission_file_.Participant.getParticipantID()" because "this.participants[location]" is null. We expect your method to run without problems, but instead yours contains bad code that creates problems.</p>		
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 ("VirtualRoom")		✓
Check <code>createBreakoutRooms()</code> method runs		✓

Check <code>openBreakoutRoom(int)</code> method runs with args (1)	✓
Check <code>addParticipantToBreakoutRoom(String, int)</code> method runs with args ("12345678", 1)	✓
Check <code>findParticipantBreakoutRoom(String)</code> method returns not null with args ("12345678")	✗

Method	<code>listBreakoutRooms()</code>	1.5 / 2.0
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 ("VirtualRoom")		✓
Check <code>createBreakoutRooms()</code> method runs		✓
Check <code>listBreakoutRooms()</code> method returns string containing attribute name +1.5		✓
Check <code>listBreakoutRooms()</code> method returns string containing attribute <code>breakoutRooms</code> in format <code>"breakoutRoom_1.toString() \n breakoutRoom_2.toString() \n ... breakoutRoom_n.toString()"</code>		✗

BreakoutRoom Class

Passed 16/16.

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>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

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