



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

Chantel Lewis (816011391)

48.84%

F1

Criteria	Mark
VirtualMeetingSystem	1.0
VirtualRoom	17.0
BreakoutRoom	16.0
Participant	8.0
Total (out of 86.0)	42.0

VirtualMeetingSystem Class

Partially passed 1/10; Failed 9/10.

Method	<code>createVirtualRoom(String)</code>	0.0 / 2.0
Does not alter the <code>virtualRoom</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 createVirtualRoom(String)</code> method exists and defined properly		✓
Check <code>VirtualMeetingSystem()</code> constructor creates instances		✓
Check <code>createVirtualRoom(String)</code> method runs with args ("VirtualRoom")		✓
Check first attribute with type <code>VirtualRoom</code> equals <code>not null</code>		✓
Check <code>virtualRoom</code> attribute equals <code>not null</code>		✗

Method	<code>allocateParticipants(String)</code>	0.0 / 10.0
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>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>public void allocateParticipants(String)</code> method exists and defined properly		✗

Method	<code>addParticipant(String, int)</code>	0.0 / 2.0
Cannot be further tested because testing relies on the <code>openBreakoutRoom</code> method that does not work as anticipated: produced <code>java.lang.NullPointerException: Cannot invoke "out.Chantel_Lewis_657735_assignsubmission_file_.VirtualRoom.openBreakoutRoom(int)" because "this.virtualRoom" is null</code> . 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>)	✓
Check <code>createVirtualRoom(String)</code> method runs with args (<code>"VirtualRoom"</code>)	✓
Check <code>openBreakoutRoom(int)</code> method runs with args (<code>1</code>)	✗

Method	<code>listParticipants(int)</code>	0.0 / 3.0
Cannot be further tested because testing relies on the <code>openBreakoutRoom</code> method that does not work as anticipated: produced <code>java.lang.NullPointerException: Cannot invoke "out.Chantel_Lewis_657735_assignsubmission_file_.VirtualRoom.openBreakoutRoom(int)" because "this.virtualRoom" is null. We expect your method to run without problems, but instead yours contains bad code that creates problems.</code>		
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>)		✗

Method	<code>openBreakoutRoom(int)</code>	0.0 / 2.0
Does not work as anticipated: produced <code>java.lang.NullPointerException: Cannot invoke "out.Chantel_Lewis_657735_assignsubmission_file_.VirtualRoom.openBreakoutRoom(int)" because "this.virtualRoom" is null. We expect your method to run without problems, but instead yours contains bad code that creates problems.</code>		

Check <code>VirtualMeetingSystem()</code> constructor exists and is accessible	✓
Check <code>createVirtualRoom(String)</code> method exists and is accessible	✓
Check <code>public boolean openBreakoutRoom(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>)	✗

Method	<code>closeBreakoutRoom(int)</code>	0.0 / 2.0
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Does not work as anticipated: produced `java.lang.NullPointerException: Cannot invoke "out.Chantel_Lewis_657735_assignsubmission_file_.VirtualRoom.closeBreakoutRoom(int)"` because `"this.virtualRoom"` 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>public boolean closeBreakoutRoom(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>closeBreakoutRoom(int)</code> method runs with args (<code>1</code>)	✗

Method	<code>listAllBreakoutRooms()</code>	0.0 / 2.0
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Does not work as anticipated: produced `java.lang.NullPointerException: Cannot invoke "out.Chantel_Lewis_657735_assignsubmission_file_.VirtualRoom.listBreakoutRooms()"` because `"this.virtualRoom"` 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>public String listAllBreakoutRooms()</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 `listAllBreakoutRooms()` method returns a string containing "VirtualRoom"



Method

`findParticipantBreakoutRoom(String)`

0.0 / 2.0

Cannot be further tested because testing relies on the `openBreakoutRoom` method that does not work as anticipated: produced `java.lang.NullPointerException: Cannot invoke "out.Chantel_Lewis_657735_assignsubmission_file_.VirtualRoom.openBreakoutRoom(int)"` because `"this.virtualRoom"` is null. We expect your method to run without problems, but instead yours contains bad code that creates problems.

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 `public String findParticipantBreakoutRoom(String)` method exists and defined properly



Check `VirtualMeetingSystem()` constructor creates instances



Check `createVirtualRoom(String)` method runs with args ("VirtualRoom")



Check `openBreakoutRoom(int)` method runs with args (1)



Method

`listParticipantsInAllBreakoutRooms()`

0.0 / 2.0

Cannot be further tested because testing relies on the `openBreakoutRoom` method that does not work as anticipated: produced `java.lang.NullPointerException: Cannot invoke "out.Chantel_Lewis_657735_assignsubmission_file_.VirtualRoom.openBreakoutRoom(int)"` because `"this.virtualRoom"` is null. We expect your method to run without problems, but instead yours contains bad code that creates problems.

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 `public String listParticipantsInAllBreakoutRooms()` method exists and defined properly



Check `VirtualMeetingSystem()` constructor creates instances



Check <code>createVirtualRoom(String)</code> method runs with args ("VirtualRoom")	✓
Check <code>openBreakoutRoom(int)</code> method runs with args (1)	✗

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 ("src/al/test/resources/participant.dat")		✓
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 1/14; Failed 3/14.

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>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>listBreakoutRooms()</code>	0.0 / 2.0
Returns incorrect values. We expect your method to return a particular value, but instead yours returns another incorrect one.		
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		✗
Method	<code>findParticipantBreakoutRoom(String)</code>	0.0 / 2.0
Cannot be further tested because testing relies on the <code>addParticipantToBreakoutRoom</code> method that does not work as anticipated: produced <code>java.lang.ArrayIndexOutOfBoundsException: Index 10 out of bounds for length 10</code> . We expect your method to run without problems, but instead yours contains bad code that creates problems.		
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 (1)	✓
Check <code>addParticipantToBreakoutRoom(String, int)</code> method runs with args ("12345678", 1)	✗

Method	<code>addParticipantToBreakoutRoom(String, int)</code>	0.0 / 2.0
Does not work as anticipated: produced <code>java.lang.ArrayIndexOutOfBoundsException: Index 10 out of bounds for length 10</code> . We expect your method to run without problems, but instead yours contains bad code that creates problems.		
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>public boolean addParticipantToBreakoutRoom(String, int)</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 returns true with args ("12345678", 1)		✗

Method	<code>listParticipantsInBreakoutRoom(int)</code>	1.0 / 2.0
Returns incorrect values. We expect your method to return a particular value, but instead yours returns another incorrect one.		
Check <code>VirtualRoom(String)</code> constructor exists and is accessible		✓
Check <code>createBreakoutRooms()</code> method exists and is accessible		✓
Check <code>addParticipantToBreakoutRoom(String, int)</code> method exists and is accessible		✓
Check <code>public String listParticipantsInBreakoutRoom(int)</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>listParticipantsInBreakoutRoom(int)</code> method returns not null with args (1) +1.0		✓

Check `listParticipantsInBreakoutRoom(int)` method returns string containing attribute name with args (1)



BreakoutRoom Class

Passed 13/16; Failed 3/16.

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>toString()</code>	2.0 / 2.0
Method	<code>getBreakoutRoomID()</code>	1.0 / 1.0
Method	<code>getOpen()</code>	1.0 / 1.0
Method	<code>openBreakoutRoom()</code>	1.0 / 1.0
Method	<code>closeBreakoutRoom()</code>	1.0 / 1.0
Method	<code>getNumberOfParticipants()</code>	1.0 / 1.0
Method	<code>findParticipant(String)</code>	0.0 / 2.0

Cannot be further tested because testing relies on the `addParticipant` method that does not work as anticipated: produced `java.lang.NullPointerException: Cannot invoke "Object.equals(Object)" because "this.participants[i]" is null`. 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")	✗

Method	<code>addParticipant(String)</code>	0.0 / 2.0
Does not work as anticipated: produced <code>java.lang.NullPointerException: Cannot invoke "Object.equals(Object)"</code> because <code>"this.participants[i]"</code> is null. 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>openBreakoutRoom()</code> method exists and is accessible		✓
Check <code>public boolean addParticipant(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 returns <code>true</code> with args ("10000000")		✗

Method	<code>listParticipants()</code>	0.0 / 2.0
Cannot be further tested because testing relies on the <code>addParticipant</code> method that does not work as anticipated: produced <code>java.lang.NullPointerException: Cannot invoke "Object.equals(Object)"</code> because <code>"this.participants[i]"</code> is null. 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>breakoutRoomID</code> attribute exists		✓

- Check `public String listParticipants()` method exists and defined properly ✓
- Check `BreakoutRoom(String)` constructor creates instances with args ("Room1") ✓
- Check `openBreakoutRoom()` method runs ✓
- Check `addParticipant(String)` method runs with args ("10000000") ✗

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