



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

Adrienne Baptiste (816020784)

28.72%

F3

Criteria	Mark
VirtualMeetingSystem	16.0
VirtualRoom	7.0
BreakoutRoom	14.5
Participant	8.0
Bonuses	+5.0
Deductions	-25.8
Total (out of 86.0)	24.7

Grade Changes

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

Bonuses	
Question Bonus: allocateParticipants(String)	+5.0
Deductions	
Plagiarism Detected: "Cheater - First Infraction" from cluster with 3 other persons (-30%)	-25.8

VirtualMeetingSystem Class

Passed 4/10; Failed 6/10.

Method	<code>createVirtualRoom(String)</code>	2.0 / 2.0
Method	<code>allocateParticipants(String)</code>	10.0 / 10.0
Method	<code>openBreakoutRoom(int)</code>	2.0 / 2.0
Method	<code>closeBreakoutRoom(int)</code>	2.0 / 2.0
Method	<code>loadParticipantData(String)</code>	0.0 / 5.0
Does not have anticipated type. We expect your attribute to be defined with a particular type, but yours isn't.		
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/a1/test/resources/participant.dat")		✓
Check first attribute with type <code>String[]</code> equals an array with size 50		✗
Method	<code>addParticipant(String, int)</code>	0.0 / 2.0

Does not work as anticipated: produced java.lang.NullPointerException: Cannot invoke "out.Adrienne_Baptiste_657672_assignsubmission_file_.BreakoutRoom.getBreakoutRoomID()" because "this.breakoutRooms[i]" 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 `loadParticipantData(String)` method exists and is accessible ✓
- Check `createVirtualRoom(String)` method exists and is accessible ✓
- Check `openBreakoutRoom(int)` method exists and is accessible ✓
- Check `public boolean addParticipant(String, int)` method exists and defined properly ✓
- Check `VirtualMeetingSystem()` constructor creates instances ✓
- Check `loadParticipantData(String)` method runs with args `("src/al/test/resources/participant.dat")` ✓
- Check `createVirtualRoom(String)` method runs with args `("VirtualRoom")` ✓
- Check `openBreakoutRoom(int)` method runs with args `(1)` ✓
- Check `addParticipant(String, int)` method returns `true` with args `("12345678", 1)` ✗

Method

`listParticipants(int)`

0.0 / 3.0

Cannot be further tested because testing relies on the `addParticipant` method that does not work as anticipated: produced java.lang.NullPointerException: Cannot invoke "out.Adrienne_Baptiste_657672_assignsubmission_file_.BreakoutRoom.getBreakoutRoomID()" because "this.breakoutRooms[i]" 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 listParticipants(int)` method exists and defined properly ✓
- Check `VirtualMeetingSystem()` constructor creates instances ✓
- Check `createVirtualRoom(String)` method runs with args `("VirtualRoom")` ✓

Check <code>openBreakoutRoom(int)</code> method runs with args (1)	✓
Check <code>addParticipant(String, int)</code> method runs with args ("12345678", 1)	✗

Method	<code>listAllBreakoutRooms()</code>	0.0 / 2.0
Does not work as anticipated: produced <code>java.lang.NullPointerException: Cannot invoke "out.Adrienne_Baptiste_657672_assignsubmission_file_.BreakoutRoom.getBreakoutRoomID()" because "this.breakoutRooms[curr]" 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 String listAllBreakoutRooms()</code> method exists and defined properly		✓
Check <code>VirtualMeetingSystem()</code> constructor creates instances		✓
Check <code>createVirtualRoom(String)</code> method runs with args ("VirtualRoom")		✓
Check <code>listAllBreakoutRooms()</code> method returns a string containing "VirtualRoom"		✗

Method	<code>findParticipantBreakoutRoom(String)</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 "out.Adrienne_Baptiste_657672_assignsubmission_file_.BreakoutRoom.getBreakoutRoomID()" because "this.breakoutRooms[i]" 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 findParticipantBreakoutRoom(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 <code>openBreakoutRoom(int)</code> method runs with args (1)		✓

Check `addParticipant(String, int)` method runs with args ("12345678", 1)



Method

`listParticipantsInAllBreakoutRooms()`

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 "out.Adrienne_Baptiste_657672_assignsubmission_file_.BreakoutRoom.getBreakoutRoomID()" because "this.breakoutRooms[i]" 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 `createVirtualRoom(String)` method runs with args ("VirtualRoom")



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



Check `addParticipant(String, int)` method runs with args ("12345678", 1)



VirtualRoom Class

Passed 5/14; Failed 9/14.

Attribute

`breakoutRooms`

1.0 / 1.0

Attribute

`name`

1.0 / 1.0

Constructor

`VirtualRoom(String, int)`

2.0 / 2.0

Constructor

`VirtualRoom(String)`

2.0 / 2.0

Method

`getNumberOfBreakoutRooms()`

1.0 / 1.0

Attribute	<code>breakoutRoomLimit</code>	0.0 / 1.0
Does not have private access. We expect your attribute, method or constructor to have the private keyword indicating that it has private access, but yours doesn't.		
Check <code>private final int breakoutRoomLimit</code> attribute exists and defined properly		✗
Method	<code>listBreakoutRooms()</code>	0.0 / 2.0
Does not work as anticipated: produced <code>java.lang.NullPointerException: Cannot invoke "out.Adrienne_Baptiste_657672_assignsubmission_file_.BreakoutRoom.getBreakoutRoomID()" because "this.breakoutRooms[curr]" is null</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>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>findBreakoutRoom(int)</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>createBreakoutRooms()</code> method exists and is accessible		✓
Check <code>public BreakoutRoom findBreakoutRoom(int)</code> method exists and defined properly		✗
Method	<code>createBreakoutRooms()</code>	0.0 / 2.0
Cannot be further tested because testing relies on another method that Does not alter the <code>breakoutRooms</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>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	✓
Check <code>VirtualRoom(String)</code> constructor creates instances with args (<code>"VirtualRoom"</code>)	✓
Check <code>createBreakoutRooms()</code> method runs	✓
Check <code>breakoutRooms</code> attribute equals not an array containing null	✗

Method	<code>openBreakoutRoom(int)</code>	0.0 / 2.0
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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.

Check <code>VirtualRoom(String)</code> constructor exists and is accessible	✓
Check <code>createBreakoutRooms()</code> method exists and is accessible	✓
Check <code>closeBreakoutRoom(int)</code> method exists and is accessible	✓
Check <code>breakoutRooms</code> attribute exists	✓
Check <code>public boolean openBreakoutRoom(int)</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>closeBreakoutRoom(int)</code> method runs with args (<code>1</code>)	✓
Check <code>openBreakoutRoom(int)</code> method runs with args (<code>1</code>)	✓
Check <code>breakoutRooms</code> attribute equals an array containing <code>hasProperty("open", true)</code>	✗

Method	<code>closeBreakoutRoom(int)</code>	0.0 / 2.0
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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.

Check <code>VirtualRoom(String)</code> constructor exists and is accessible	✓
Check <code>createBreakoutRooms()</code> method exists and is accessible	✓
Check <code>breakoutRooms</code> attribute exists	✓
Check <code>public boolean closeBreakoutRoom(int)</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>closeBreakoutRoom(int)</code> method runs with args (<code>1</code>)	✓
Check <code>breakoutRooms</code> attribute equals an array containing <code>hasProperty("open", false)</code>	✗

Method	<code>findParticipantBreakoutRoom(String)</code>	0.0 / 2.0
Is not testable because testing relies on the <code>listParticipantsInBreakoutRoom</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		✓
Check <code>listParticipantsInBreakoutRoom(int)</code> method exists and is accessible		✗

Method	<code>listParticipantsInBreakoutRoom(int)</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>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		✗

Method	<code>addParticipantToBreakoutRoom(String, int)</code>	0.0 / 2.0
Is not testable because testing relies on the <code>listParticipantsInBreakoutRoom</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		✓
Check <code>listParticipantsInBreakoutRoom(int)</code> method exists and is accessible		✗

BreakoutRoom Class

Passed 12/16; Partially passed 1/16; 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>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
<p>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 "out.Adrienne_Baptiste_657672_assignsubmission_file_.Participant.getParticipantID()" because "this.participants[curr]" is null. We expect your method to run without problems, but instead yours contains bad code that creates problems.</code></p> <p>Check <code>BreakoutRoom(String)</code> constructor exists and is accessible ✓</p> <p>Check <code>addParticipant(String)</code> method exists and is accessible ✓</p>		

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
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Does not work as anticipated: produced `java.lang.NullPointerException: Cannot invoke "out.Adrienne_Baptiste_657672_assignsubmission_file_.Participant.getParticipantID()" because "this.participants[curr]" 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
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Cannot be further tested because testing relies on the `addParticipant` method that does not work as anticipated: produced `java.lang.NullPointerException: Cannot invoke "out.Adrienne_Baptiste_657672_assignsubmission_file_.Participant.getParticipantID()" because "this.participants[curr]" 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 <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")	✗

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</code> +0.5		✓
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
Method	<code>getParticipantID()</code>	1.0 / 1.0