



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

Nickal Winter (816015181)

68.60%

B

Criteria	Mark
VirtualMeetingSystem	10.0
VirtualRoom	19.5
BreakoutRoom	21.5
Participant	8.0
Total (out of 86.0)	59.0

VirtualMeetingSystem Class

Passed 5/10; Failed 5/10.

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>listParticipantsInAllBreakoutRooms()</code>	2.0 / 2.0
Method	<code>loadParticipantData(String)</code>	0.0 / 5.0
Does not alter the participantdata 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 participantdata attribute equals an array with size 50		✗
Method	<code>createVirtualRoom(String)</code>	0.0 / 2.0
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 createVirtualRoom(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 first attribute with type <code>VirtualRoom</code> equals not null		✗

Method	<code>allocateParticipants(String)</code>	0.0 / 10.0
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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>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>listParticipants(int)</code>	0.0 / 3.0
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Returns some values but not all. We expect your method to return a set of values, but instead yours returns only some.

- | | |
|---|---|
| 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 <code>"VirtualRoom"</code> 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.Nickal_Winter_657706_assignsubmission_file_.Participant.getParticipantID()"` because the return value of `"out.Nickal_Winter_657706_assignsubmission_file_.BreakoutRoom.findParticipant(String)"` 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>	✗

VirtualRoom Class

Passed 10/14; Partially passed 3/14; Failed 1/14.

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)</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>addParticipantToBreakoutRoom(String, int)</code>	2.0 / 2.0
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Constructor	<code>VirtualRoom(String, int)</code>	1.0 / 2.0
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Does not initialize the `breakoutRoomLimit` attribute. We expect your constructor to initialize a particular set of instance attributes, but yours doesn't.

Check <code>public VirtualRoom(String, int)</code> constructor exists and defined properly	✓
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Check <code>VirtualRoom(String, int)</code> constructor creates instances with args (<code>"VirtualRoom"</code> , <code>10</code>) +0.5	✓
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Check name attribute equals <code>"VirtualRoom"</code> +0.5	✓
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Check <code>breakoutRoomLimit</code> attribute equals <code>10</code>	✗
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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.Nickal_Winter_657706_assignsubmission_file_.Participant.getParticipantID()"` because the return value of `"out.Nickal_Winter_657706_assignsubmission_file_.BreakoutRoom.findParticipant(String)"` is null. 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	✓
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Check <code>createBreakoutRooms()</code> method exists and is accessible	✓
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Check <code>listParticipantsInBreakoutRoom(int)</code> method exists and is accessible	✓
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Check <code>addParticipantToBreakoutRoom(String, int)</code> method exists and is accessible	✓
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Check <code>public String findParticipantBreakoutRoom(String)</code> method exists and defined properly	✓
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Check <code>VirtualRoom(String)</code> constructor creates instances with args (<code>"VirtualRoom"</code>)	✓
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Check <code>createBreakoutRooms()</code> method runs	✓
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Check <code>openBreakoutRoom(int)</code> method runs with args (<code>1</code>)	✓
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Check <code>addParticipantToBreakoutRoom(String, int)</code> method runs with args (<code>"12345678"</code> , <code>1</code>)	✓
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Check <code>findParticipantBreakoutRoom(String)</code> method returns not null with args (<code>"12345678"</code>)	✗
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Method	<code>listParticipantsInBreakoutRoom(int)</code>	1.0 / 2.0
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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 (<code>"VirtualRoom"</code>)	✓
Check <code>createBreakoutRooms()</code> method runs	✓
Check <code>listParticipantsInBreakoutRoom(int)</code> method returns <code>not null</code> with args <code>(1) +1.0</code>	✓
Check <code>listParticipantsInBreakoutRoom(int)</code> method returns string containing attribute <code>name</code> with args <code>(1)</code>	✗

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 (<code>"VirtualRoom"</code>)		✓
Check <code>createBreakoutRooms()</code> method runs		✓
Check <code>listBreakoutRooms()</code> method returns string containing attribute <code>name</code> <code>+1.5</code>		✓
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 14/16; Partially passed 2/16.

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
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>	1.0 / 1.0
Constructor	<code>BreakoutRoom(String)</code>	3.5 / 3.0
Method	<code>toString()</code>	1.0 / 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>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> +0.5	✓
Check <code>toString()</code> method returns string containing attribute <code>breakoutRoomID</code> in format <code>breakoutRoomID OPEN</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