



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

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77.91%

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Criteria	Mark
VirtualMeetingSystem	18.0
VirtualRoom	14.0
BreakoutRoom	22.0
Participant	8.0
Bonuses	+5.0
Total (out of 86.0)	67.0

Grade Changes

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

Bonuses	
Merit Bonus: Early submission	+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>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>findParticipantBreakoutRoom(String)</code>	2.0 / 2.0
Method	<code>listParticipantsInAllBreakoutRooms()</code>	2.0 / 2.0
Method	<code>allocateParticipants(String)</code>	0.0 / 10.0
Does not work as anticipated: produced java.lang.NullPointerException: Cannot invoke "String.length()" because "participantID" 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>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		✓

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>allocateParticipants(String)</code> method runs with args (<code>"RR"</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 9/14; Failed 5/14.

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>listBreakoutRooms()</code>	2.0 / 2.0
Method	<code>createBreakoutRooms()</code>	2.0 / 2.0
Method	<code>openBreakoutRoom(int)</code>	2.0 / 2.0
Method	<code>getNumberOfBreakoutRooms()</code>	1.0 / 1.0
Method	<code>findBreakoutRoom(int)</code>	0.0 / 2.0
<p>Does not work as anticipated for valid inputs. We expect your method to work in a particular way (and possibly return an anticipated value) when given valid inputs, but yours doesn't.</p> <p>Check <code>VirtualRoom(String)</code> constructor exists and is accessible ✓</p> <p>Check <code>createBreakoutRooms()</code> method exists and is accessible ✓</p> <p>Check <code>public BreakoutRoom findBreakoutRoom(int)</code> method exists and defined properly ✓</p> <p>Check <code>VirtualRoom(String)</code> constructor creates instances with args (<code>"VirtualRoom"</code>) ✓</p> <p>Check <code>createBreakoutRooms()</code> method runs ✓</p> <p>Check <code>findBreakoutRoom(int)</code> method returns <code>not null</code> with args (<code>1</code>) ✗</p>		
Method	<code>closeBreakoutRoom(int)</code>	0.0 / 2.0
<p>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.</p> <p>Check <code>VirtualRoom(String)</code> constructor exists and is accessible ✓</p> <p>Check <code>createBreakoutRooms()</code> method exists and is accessible ✓</p> <p>Check <code>breakoutRooms</code> attribute exists ✓</p> <p>Check <code>public boolean closeBreakoutRoom(int)</code> method exists and defined properly ✓</p> <p>Check <code>VirtualRoom(String)</code> constructor creates instances with args (<code>"VirtualRoom"</code>) ✓</p> <p>Check <code>createBreakoutRooms()</code> method runs ✓</p> <p>Check <code>closeBreakoutRoom(int)</code> method runs with args (<code>1</code>) ✓</p>		

Check breakoutRooms attribute equals an array containing hasProperty("open", false)

✗

Method

findParticipantBreakoutRoom(String)

0.0 / 2.0

Does not work as anticipated for valid inputs. We expect your method to work in a particular way (and possibly return an anticipated value) when given valid inputs, but yours doesn't.

Check VirtualRoom(String) constructor exists and is accessible

✓

Check createBreakoutRooms() method exists and is accessible

✓

Check listParticipantsInBreakoutRoom(int) method exists and is accessible

✓

Check addParticipantToBreakoutRoom(String, int) method exists and is accessible

✓

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

✓

Check VirtualRoom(String) constructor creates instances with args ("VirtualRoom")

✓

Check createBreakoutRooms() method runs

✓

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

✓

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

✓

Check findParticipantBreakoutRoom(String) method returns not null with args ("12345678")

✗

Method

listParticipantsInBreakoutRoom(int)

0.0 / 2.0

Does not work as anticipated for valid inputs. We expect your method to work in a particular way (and possibly return an anticipated value) when given valid inputs, but yours doesn't.

Check VirtualRoom(String) constructor exists and is accessible

✓

Check createBreakoutRooms() method exists and is accessible

✓

Check addParticipantToBreakoutRoom(String, int) method exists and is accessible

✓

Check public String listParticipantsInBreakoutRoom(int) method exists and defined properly

✓

Check VirtualRoom(String) constructor creates instances with args ("VirtualRoom")

✓

Check createBreakoutRooms() method runs

✓

Check `listParticipantsInBreakoutRoom(int)` method returns `not null` with args `(1)`

✗

Method

`addParticipantToBreakoutRoom(String, int)`

0.0 / 2.0

Does not work as anticipated for valid inputs. We expect your method to work in a particular way (and possibly return an anticipated value) when given valid inputs, but yours doesn't.

Check `VirtualRoom(String)` constructor exists and is accessible

✓

Check `createBreakoutRooms()` method exists and is accessible

✓

Check `listParticipantsInBreakoutRoom(int)` method exists and is accessible

✓

Check `public boolean addParticipantToBreakoutRoom(String, int)` method exists and defined properly

✓

Check `VirtualRoom(String)` constructor creates instances with args `("VirtualRoom")`

✓

Check `createBreakoutRooms()` method runs

✓

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

✓

Check `addParticipantToBreakoutRoom(String, int)` method returns `true` with args `("12345678", 1)`

✗

BreakoutRoom Class

Passed 16/16.

Attribute

`breakoutRoomID`

1.0 / 1.0

Attribute

`breakoutRoomSize`

1.0 / 1.0

Attribute

`participants`

1.0 / 1.0

Attribute

`numberOfParticipants`

1.0 / 1.0

Attribute

`open`

1.0 / 1.0

Attribute

`breakoutRoomNumberCounter`

1.0 / 1.0

Constructor

`BreakoutRoom(String)`

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