



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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86.05%

A

Criteria	Mark
VirtualMeetingSystem	28.0
VirtualRoom	13.5
BreakoutRoom	19.5
Participant	8.0
Bonuses	+5.0
Total (out of 86.0)	74.0

Grade Changes

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

Bonuses	
Question Bonus: allocateParticipants(String)	+5.0

VirtualMeetingSystem Class

Passed 9/10; Partially passed 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>findParticipantBreakoutRoom(String)</code>	2.0 / 2.0
Method	<code>listParticipantsInAllBreakoutRooms()</code>	2.0 / 2.0
Method	<code>loadParticipantData(String)</code>	1.0 / 5.0
Does not alter the array 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 array 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 array attribute equals not an array containing null	✗

VirtualRoom Class

Passed 8/14; Partially passed 1/14; 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>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
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 <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		✓

Check <code>VirtualRoom(String)</code> constructor creates instances with args (<code>"VirtualRoom"</code>)	✓
Check <code>createBreakoutRooms()</code> method runs	✓
Check <code>findBreakoutRoom(int)</code> method returns not null with args (1)	✗

Method	<code>closeBreakoutRoom(int)</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>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 (1)	✓	
Check <code>breakoutRooms</code> attribute equals an array containing <code>hasProperty("open", false)</code>	✗	

Method	<code>findParticipantBreakoutRoom(String)</code>	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 <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)	✓
Check <code>findParticipantBreakoutRoom(String)</code> method returns not null with args ("12345678")	✗

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

Method	<code>addParticipantToBreakoutRoom(String, int)</code>	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 <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 `addParticipantToBreakoutRoom(String, int)` method returns `true` with args
(`"12345678"`, `1`)



Method

`listBreakoutRooms()`

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 `VirtualRoom(String)` constructor exists and is accessible



Check `createBreakoutRooms()` method exists and is accessible



Check `public String listBreakoutRooms()` method exists and defined properly



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



Check `createBreakoutRooms()` method runs



Check `listBreakoutRooms()` method returns string containing attribute `name` +1.5



Check `listBreakoutRooms()` method returns string containing attribute `breakoutRooms` in
format `"breakoutRoom_1.toString() \n breakoutRoom_2.toString() \n ...
breakoutRoom_n.toString()"`



BreakoutRoom Class

Passed 14/16; Partially passed 2/16.

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>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>openBreakoutRoom()</code>	1.0 / 1.0
Method	<code>closeBreakoutRoom()</code>	1.0 / 1.0
Method	<code>getNumberOfParticipants()</code>	1.0 / 1.0
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 +0.5</code>		✓
Check <code>toString()</code> method returns string containing attribute <code>numberOfParticipants</code>		✗
Method	<code>listParticipants()</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>addParticipant(String)</code> method exists and is accessible		✓
Check <code>openBreakoutRoom()</code> method exists and is accessible		✓

Check breakoutRoomID 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")	✓
Check listParticipants() method returns string containing attribute breakoutRoomID +1.0	✓
Check listParticipants() method returns string containing attribute participants in format "participant_1.toString() \n participant_2.toString() \n ... participant_n.toString() "	✗

Participant Class

Passed 5/5.

Attribute	participantID	1.0 / 1.0
Constructor	Participant(String)	2.0 / 2.0
Method	toString()	2.0 / 2.0
Method	verifyID(String)	2.0 / 2.0
Method	getParticipantID()	1.0 / 1.0