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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99.42%

A+

Criteria	Mark
VirtualMeetingSystem	25.0
VirtualRoom	22.5
BreakoutRoom	21.0
Participant	8.0
Bonuses	+10.0
Deductions	-1.0
Total (out of 86.0)	**85.5**

Grade Changes

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

Bonuses	
Merit Bonus: Early submission	+5.0
Question Bonus: allocateParticipants(String)	+5.0

Deductions	
Formatting Error: Incorrect zip name format	-1

VirtualMeetingSystem Class

Passed 7/10; Partially passed 2/10; Failed 1/10.

Method	`createVirtualRoom(String)`	2.0 / 2.0

Method	`allocateParticipants(String)`	10.0 / 10.0

Method	`addParticipant(String, int)`	2.0 / 2.0

Method	`openBreakoutRoom(int)`	2.0 / 2.0

Method	`closeBreakoutRoom(int)`	2.0 / 2.0

Method	`listAllBreakoutRooms()`	2.0 / 2.0

Method	`findParticipantBreakoutRoom(String)`	2.0 / 2.0

Method	`listParticipantsInAllBreakoutRooms()`	0.0 / 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 `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)` ✓

Check `listParticipantsInAllBreakoutRooms()` method returns `a string containing "12345678"` ✗

Method	loadParticipantData(String)	1.0 / 5.0

Does not alter the data 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 `VirtualMeetingSystem()` constructor exists and is accessible ✓

Check `public void loadParticipantData(String)` method exists and defined properly ✓

Check `VirtualMeetingSystem()` constructor creates instances ✓

Check `loadParticipantData(String)` method runs with args `("src/a1/test/resources/participant.dat")` ✓

Check first attribute with type `String[]` equals `an array with size 50` ✓

Check `data` attribute equals `an array with size 50` +1.0 ✓

Check first attribute with type `String[]` equals `not an array containing null` +1.0 ✓

Check `data` attribute equals `not an array containing null` ✗

Method	listParticipants(int)	2.0 / 3.0

Returns some values but not all. We expect your method to return a set of values, but instead yours returns only some.

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

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

Check `listParticipants(int)` method returns `a string containing "VirtualRoom"` with args `(1)` +2.0 ✓

Check `listParticipants(int)` method returns `a string containing "12345678"` with args `(1)` ✗

VirtualRoom Class

Passed 12/14; Partially passed 2/14.

Attribute	`breakoutRooms`	1.0 / 1.0
Attribute	`breakoutRoomLimit`	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	`listBreakoutRooms()`	2.0 / 2.0
Method	`findBreakoutRoom(int)`	2.0 / 2.0
Method	`createBreakoutRooms()`	2.0 / 2.0
Method	`openBreakoutRoom(int)`	2.0 / 2.0

Method	closeBreakoutRoom(int)	2.0 / 2.0

Method	findParticipantBreakoutRoom(String)	2.0 / 2.0

Method	getNumberOfBreakoutRooms()	1.0 / 1.0

Method	addParticipantToBreakoutRoom(String, int)	1.0 / 2.0

Cannot be further tested because testing relies on the listParticipantsInBreakoutRoom method that does not alter the value 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 `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)` +1.0 ✓

Check `listParticipantsInBreakoutRoom(int)` method returns `a string containing "12345678"` with args `(1)` ✗

Method	listParticipantsInBreakoutRoom(int)	1.5 / 2.0

Does not alter the value 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 `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)` +1.0 ✓

Check `listParticipantsInBreakoutRoom(int)` method returns string containing attribute `name` with args `(1)` +0.5 ✓

Check `openBreakoutRoom(int)` method runs with args `(1)` +0.5 ✓

Check `addParticipantToBreakoutRoom(String, int)` method runs with args `("12345678", 1)` +0.5 ✓

Check `listParticipantsInBreakoutRoom(int)` method returns `a string containing "12345678"` with args `(1)` ✗

BreakoutRoom Class

Passed 15/16; Partially passed 1/16.

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	`findParticipant(String)`	2.0 / 2.0
Method	`toString()`	2.0 / 2.0
Method	`getBreakoutRoomID()`	1.0 / 1.0

Method	**getOpen()**	1.0 / 1.0
Method	**addParticipant(String)**	2.0 / 2.0
Method	**openBreakoutRoom()**	1.0 / 1.0
Method	**closeBreakoutRoom()**	1.0 / 1.0
Method	**getNumberOfParticipants()**	1.0 / 1.0
Method	**listParticipants()**	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 `BreakoutRoom(String)` constructor exists and is accessible	✓
Check `addParticipant(String)` method exists and is accessible	✓
Check `openBreakoutRoom()` 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