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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92.91%

A+

Criteria	Mark
VirtualMeetingSystem	28.0
VirtualRoom	21.5
BreakoutRoom	21.0
Participant	8.0
Bonuses	+10.0
Deductions	-8.6
Total (out of 86.0)	**79.9**

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	
Plagiarism Detected: "Chump - First Infraction" from cluster with 3 other persons (-10%)	-8.6

VirtualMeetingSystem Class

Passed 9/10; Partially passed 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	`listParticipants(int)`	3.0 / 3.0
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()`	2.0 / 2.0
Method	`loadParticipantData(String)`	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 `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 `Participants` attribute equals `an array with size 50` +1.0 ✓

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

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

VirtualRoom Class

Passed 12/14; Partially passed 1/14; Failed 1/14.

Attribute	`breakoutRooms`	1.0 / 1.0
Attribute	`breakoutRoomLimit`	1.0 / 1.0
Attribute	`name`	1.0 / 1.0
Constructor	`VirtualRoom(String)`	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	listParticipantsInBreakoutRoom(int)	2.0 / 2.0

Method	addParticipantToBreakoutRoom(String, int)	2.0 / 2.0

Constructor	VirtualRoom(String, int)	1.5 / 2.0

Does not initialize the breakoutRooms attribute. We expect your constructor to initialize a particular set of instance attributes, but yours doesn't.

Check public VirtualRoom(String, int) constructor exists and defined properly ✓

Check VirtualRoom(String, int) constructor creates instances with args ("VirtualRoom", 10) +0.5 ✓

Check name attribute equals "VirtualRoom" +0.5 ✓

Check breakoutRoomLimit attribute equals 10 +0.5 ✓

Check breakoutRooms attribute equals an array with size 10 ✗

Method	listBreakoutRooms()	0.0 / 2.0

Does not work as anticipated: produced java.lang.ArrayIndexOutOfBoundsException: Index 5 out of bounds for length 5. We expect your method to run without problems, but instead yours contains bad code that creates problems.

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 ✗

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	`getBreakoutRoomID()`	1.0 / 1.0
Method	`getOpen()`	1.0 / 1.0
Method	`addParticipant(String)`	2.0 / 2.0
Method	`listParticipants()`	2.0 / 2.0
Method	`openBreakoutRoom()`	1.0 / 1.0
Method	`closeBreakoutRoom()`	1.0 / 1.0
Method	`getNumberOfParticipants()`	1.0 / 1.0
Method	`toString()`	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 `breakoutRoomID` attribute exists	✓
Check `numberOfParticipants` attribute exists	✓
Check `public String toString()` method exists and defined properly	✓
Check `BreakoutRoom(String)` constructor creates instances with args `("Room1")`	✓

Check `openBreakoutRoom()` method runs ✓

Check `toString()` method returns string containing attribute `breakoutRoomID` +0.5 ✓

Check `toString()` method returns string containing attribute `numberOfParticipants` +0.5 ✓

Check `toString()` method returns string containing attribute `breakoutRoomID` in format `breakoutRoomID OPEN` ✗

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