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

Ricky Dindial (816022023)

76.63%

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Criteria	Mark
VirtualMeetingSystem	18.0
VirtualRoom	24.0
BreakoutRoom	19.5
Participant	8.0
Bonuses	+5.0
Deductions	-8.6
Total (out of 86.0)	**65.9**

Grade Changes

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

Bonuses	
Question Bonus: allocateParticipants(String)	+5.0

Deductions	
Plagiarism Detected: "Chump - First Infraction" from cluster with another person (-10%)	-8.6

VirtualMeetingSystem Class

Passed 8/10; Partially passed 1/10; Failed 1/10.

Method	`createVirtualRoom(String)`	2.0 / 2.0

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	`allocateParticipants(String)`	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 `VirtualMeetingSystem()` constructor exists and is accessible ✓

Check `loadParticipantData(String)` method exists and is accessible ✓

Check `createVirtualRoom(String)` method exists and is accessible ✓

Check `public void allocateParticipants(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 `createVirtualRoom(String)` method runs with args (`"VirtualRoom"`) ✓

Check `allocateParticipants(String)` method runs with args (`"RR"`) ✓

Method	loadParticipantData(String)	1.0 / 5.0

Does not alter the participantFile 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 `participantFile` attribute equals `an array with size 50` +1.0 ✓

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

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

VirtualRoom Class

Passed 14/14.

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	listParticipantsInBreakoutRoom(int)	2.0 / 2.0
Method	addParticipantToBreakoutRoom(String, int)	2.0 / 2.0

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	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	openBreakoutRoom()	1.0 / 1.0
Method	closeBreakoutRoom()	1.0 / 1.0
Method	getNumberOfParticipants()	1.0 / 1.0
Method	toString()	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 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	✗

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