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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88.95%
A

Criteria	Mark
VirtualMeetingSystem	17.0
VirtualRoom	24.0
BreakoutRoom	22.5
Participant	8.0
Bonuses	+5.0
Total (out of 86.0)	**76.5**

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; Failed 2/10.

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	`loadParticipantData(String)`	0.0 / 5.0

Does not alter the id 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 `id` attribute equals `an array with size 50`	✗

Method	**`allocateParticipants(String)`**	**0.0 / 10.0**

Does not work as anticipated: produced java.lang.NullPointerException: Cannot read the array length because "this.id" 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"`)	✗

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 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
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	`listParticipants()`	2.0 / 2.0
Method	`openBreakoutRoom()`	1.0 / 1.0
Method	`closeBreakoutRoom()`	1.0 / 1.0
Method	`getNumberOfParticipants()`	1.0 / 1.0
Constructor	`BreakoutRoom(String)`	3.5 / 3.0

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