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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78.49%
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Criteria	Mark
VirtualMeetingSystem	16.0
VirtualRoom	21.0
BreakoutRoom	22.5
Participant	8.0
Total (out of 86.0)	**67.5**

VirtualMeetingSystem Class

Passed 7/10; Partially passed 1/10; 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	**`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	**`listAllBreakoutRooms()`**	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 `VirtualMeetingSystem()` constructor exists and is accessible ✓

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

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

Check `VirtualMeetingSystem()` constructor creates instances ✓

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

Check `listAllBreakoutRooms()` method returns `a string containing "VirtualRoom"` ✗

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; Failed 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	**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	**listParticipantsInBreakoutRoom(int)**	2.0 / 2.0
Method	**addParticipantToBreakoutRoom(String, int)**	2.0 / 2.0
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`	✗

Method	**getNumberOfBreakoutRooms()**	0.0 / 1.0

Returns abnormal values. We expect your method to return a particular value, but instead yours returns a value that is not feasible nor valid.

Check `VirtualRoom(String)` constructor exists and is accessible	✓

Check `breakoutRoomLimit` attribute exists	✓
Check `public int getNumberOfBreakoutRooms()` method exists and defined properly	✓
Check `VirtualRoom(String)` constructor creates instances with args `("VirtualRoom")`	✓
Check `getNumberOfBreakoutRooms()` method returns value equal to attribute `breakoutRoomLimit`	✗

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