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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67.91%
B

Criteria	Mark
VirtualMeetingSystem	16.0
VirtualRoom	22.0
BreakoutRoom	18.0
Participant	6.0
Bonuses	+5.0
Deductions	-8.6
Total (out of 86.0)	**58.4**

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 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	**`listAllBreakoutRooms()`**	2.0 / 2.0
Method	**`findParticipantBreakoutRoom(String)`**	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 **`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 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 12/14; Failed 2/14.

Attribute	**breakoutRooms**	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

Attribute	**breakoutRoomLimit**	0.0 / 1.0

Does not have final modifier. We expect your attribute or method to have the final keyword indicating that it is a constant attribute or an un-overridable method, but yours doesn't.

Check `private final int breakoutRoomLimit` attribute exists and defined properly ✗

Attribute	**name**	0.0 / 1.0

Does not have private access. We expect your attribute, method or constructor to have the private keyword indicating that it has private access, but yours doesn't.

Check `private String name` attribute exists and defined properly ✗

BreakoutRoom Class

Passed 12/16; Partially passed 2/16; Failed 2/16.

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

Attribute	`breakoutRoomID`	0.0 / 1.0

Does not have private access. We expect your attribute, method or constructor to have the private keyword indicating that it has private access, but yours doesn't.

Check `private String breakoutRoomID` attribute exists and defined properly ✗

Attribute	`breakoutRoomSize`	0.0 / 1.0

Does not have final modifier. We expect your attribute or method to have the final keyword indicating that it is a constant attribute or an un-overridable method, but yours doesn't.

Check `private final int breakoutRoomSize` attribute exists and defined properly ✗

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` ✗

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 4/5; Failed 1/5.

Attribute	**`participantID`**	1.0 / 1.0
Constructor	**`Participant(String)`**	2.0 / 2.0
Method	**`toString()`**	2.0 / 2.0
Method	**`getParticipantID()`**	1.0 / 1.0
Method	**`verifyID(String)`**	0.0 / 2.0

Is not a class method. We expect your method to be defined with the static keyword indicating that it is an class method, but yours isn't.

Check `public static boolean verifyID(String)` method exists and defined properly	✗