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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84.88%
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Criteria	Mark
VirtualMeetingSystem	28.0
VirtualRoom	17.0
BreakoutRoom	20.0
Participant	8.0
Total (out of 86.0)	**73.0**

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 7/14; Partially passed 5/14; Failed 2/14.

Attribute	**`breakoutRooms`**	1.0 / 1.0
Attribute	**`breakoutRoomLimit`**	1.0 / 1.0
Attribute	**`name`**	1.0 / 1.0
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
Constructor	**`VirtualRoom(String)`**	0.5 / 2.0

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

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

Check `VirtualRoom(String)` constructor creates instances with args `("VirtualRoom")` +0.5 ✓

Check `name` attribute equals `"VirtualRoom"` ✗

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 **`findParticipantBreakoutRoom(String)`** 0.0 / 2.0

Does not work as anticipated for valid inputs. We expect your method to work in a particular way (and possibly return an anticipated value) when given valid inputs, but yours doesn't.

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

Check `createBreakoutRooms()` method exists and is accessible ✓

Check `listParticipantsInBreakoutRoom(int)` method exists and is accessible ✓

Check `addParticipantToBreakoutRoom(String, int)` method exists and is accessible ✓

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

Check `VirtualRoom(String)` constructor creates instances with args `("VirtualRoom")` ✓

Check `createBreakoutRooms()` method runs ✓

Check `openBreakoutRoom(int)` method runs with args `(1)` ✓

Check `addParticipantToBreakoutRoom(String, int)` method runs with args `("12345678", 1)` ✓

Check `findParticipantBreakoutRoom(String)` method returns `not null` with args `("12345678")` ✗

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` ✗

Method **`addParticipantToBreakoutRoom(String, int)`** 1.0 / 2.0

Cannot be further tested because testing relies on the listParticipantsInBreakoutRoom method that does not alter the value 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 `VirtualRoom(String)` constructor exists and is accessible ✓

Check `createBreakoutRooms()` method exists and is accessible ✓

Check `listParticipantsInBreakoutRoom(int)` method exists and is accessible ✓

Check `public boolean addParticipantToBreakoutRoom(String, int)` method exists and defined properly ✓

Check `VirtualRoom(String)` constructor creates instances with args `("VirtualRoom")` ✓

Check `createBreakoutRooms()` method runs ✓

Check `openBreakoutRoom(int)` method runs with args `(1)` ✓

Check `addParticipantToBreakoutRoom(String, int)` method returns `true` with args `("12345678", 1)` +1.0 ✓

Check `listParticipantsInBreakoutRoom(int)` method returns `a string containing "12345678"` with args `(1)` ✗

Method **`listBreakoutRooms()`** 1.5 / 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 `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` +1.5 ✓

Check `listBreakoutRooms()` method returns string containing attribute `breakoutRooms` in format `"breakoutRoom_1.toString() \n breakoutRoom_2.toString() \n ... breakoutRoom_n.toString()"` ✗

Method **`listParticipantsInBreakoutRoom(int)`** 1.5 / 2.0

Does not alter the value 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 `VirtualRoom(String)` constructor exists and is accessible	✓
Check `createBreakoutRooms()` method exists and is accessible	✓
Check `addParticipantToBreakoutRoom(String, int)` method exists and is accessible	✓
Check `public String listParticipantsInBreakoutRoom(int)` method exists and defined properly	✓
Check `VirtualRoom(String)` constructor creates instances with args `("VirtualRoom")`	✓
Check `createBreakoutRooms()` method runs	✓
Check `listParticipantsInBreakoutRoom(int)` method returns `not null` with args `(1)` +1.0	✓
Check `listParticipantsInBreakoutRoom(int)` method returns string containing attribute `name` with args `(1)` +0.5	✓
Check `openBreakoutRoom(int)` method runs with args `(1)` +0.5	✓
Check `addParticipantToBreakoutRoom(String, int)` method runs with args `("12345678", 1)` +0.5	✓
Check `listParticipantsInBreakoutRoom(int)` method returns `a string containing "12345678"` with args `(1)`	✗

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()**	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 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