



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%

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Criteria	Mark
VirtualMeetingSystem	26.0
VirtualRoom	19.5
BreakoutRoom	20.0
Participant	6.0
Bonuses	+5.0
Total (out of 86.0)	76.5

Grade Changes

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

Bonuses	
Question Bonus: allocateParticipants(String)	+5.0

VirtualMeetingSystem Class

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

Method	<code>createVirtualRoom(String)</code>	2.0 / 2.0
Method	<code>allocateParticipants(String)</code>	10.0 / 10.0
Method	<code>addParticipant(String, int)</code>	2.0 / 2.0
Method	<code>listParticipants(int)</code>	3.0 / 3.0
Method	<code>openBreakoutRoom(int)</code>	2.0 / 2.0
Method	<code>closeBreakoutRoom(int)</code>	2.0 / 2.0
Method	<code>listAllBreakoutRooms()</code>	2.0 / 2.0
Method	<code>findParticipantBreakoutRoom(String)</code>	2.0 / 2.0
Method	<code>listParticipantsInAllBreakoutRooms()</code>	0.0 / 2.0
Is not defined. We expect your attribute, method or constructor to be defined in a particular way, but yours isn't or not defined at all.		
Check <code>VirtualMeetingSystem()</code> constructor exists and is accessible		✓
Check <code>createVirtualRoom(String)</code> method exists and is accessible		✓
Check <code>openBreakoutRoom(int)</code> method exists and is accessible		✓
Check <code>addParticipant(String, int)</code> method exists and is accessible		✓

Check `public String listParticipantsInAllBreakoutRooms()` method exists and defined properly

✗

Method

`loadParticipantData(String)`

1.0 / 5.0

Does not alter the data 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/al/test/resources/participant.dat"`)

✓

Check first attribute with type `String[]` equals an array with size 50

✓

Check data attribute equals an array with size 50 +1.0

✓

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

✓

Check data attribute equals not an array containing null

✗

VirtualRoom Class

Passed 9/14; Partially passed 1/14; Failed 4/14.

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	<code>listParticipantsInBreakoutRoom(int)</code>	2.0 / 2.0
Method	<code>addParticipantToBreakoutRoom(String, int)</code>	2.0 / 2.0
Attribute	<code>breakoutRooms</code>	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 <code>private BreakoutRoom[] breakoutRooms</code> attribute exists and defined properly		✗
Attribute	<code>breakoutRoomLimit</code>	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 <code>private final int breakoutRoomLimit</code> attribute exists and defined properly		✗
Attribute	<code>name</code>	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 <code>private String name</code> attribute exists and defined properly		✗
Method	<code>getNumberOfBreakoutRooms()</code>	0.0 / 1.0
Does not work as anticipated: produced <code>java.lang.NullPointerException: Cannot invoke "out.Alexis_Pitypaul_657694_assignsubmission_file_.BreakoutRoom.getBreakoutRoomID()" because "this.breakoutRooms[a]" is null</code> . We expect your method to run without problems, but instead yours contains bad code that creates problems.		
Check <code>VirtualRoom(String)</code> constructor exists and is accessible		✓
Check <code>breakoutRoomLimit</code> attribute exists		✓
Check <code>public int getNumberOfBreakoutRooms()</code> method exists and defined properly		✓
Check <code>VirtualRoom(String)</code> constructor creates instances with args (<code>"VirtualRoom"</code>)		✓
Check <code>getNumberOfBreakoutRooms()</code> method returns value equal to attribute <code>breakoutRoomLimit</code>		✗
Method	<code>listBreakoutRooms()</code>	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 <code>VirtualRoom(String)</code> constructor exists and is accessible	✓
Check <code>createBreakoutRooms()</code> method exists and is accessible	✓
Check <code>public String listBreakoutRooms()</code> method exists and defined properly	✓
Check <code>VirtualRoom(String)</code> constructor creates instances with args (<code>"VirtualRoom"</code>)	✓
Check <code>createBreakoutRooms()</code> method runs	✓
Check <code>listBreakoutRooms()</code> method returns string containing attribute <code>name</code> +1.5	✓
Check <code>listBreakoutRooms()</code> method returns string containing attribute <code>breakoutRooms</code> in format <code>"breakoutRoom_1.toString() \n breakoutRoom_2.toString() \n ... breakoutRoom_n.toString()"</code>	✗

BreakoutRoom Class

Passed 14/16; Partially passed 1/16; Failed 1/16.

Attribute	<code>breakoutRoomID</code>	1.0 / 1.0
Attribute	<code>participants</code>	1.0 / 1.0
Attribute	<code>numberOfParticipants</code>	1.0 / 1.0
Attribute	<code>open</code>	1.0 / 1.0
Attribute	<code>breakoutRoomNumberCounter</code>	1.0 / 1.0
Constructor	<code>BreakoutRoom(String)</code>	3.0 / 3.0
Method	<code>findParticipant(String)</code>	2.0 / 2.0
Method	<code>toString()</code>	2.0 / 2.0
Method	<code>getBreakoutRoomID()</code>	1.0 / 1.0

Method	<code>getOpen()</code>	1.0 / 1.0
Method	<code>addParticipant(String)</code>	2.0 / 2.0
Method	<code>openBreakoutRoom()</code>	1.0 / 1.0
Method	<code>closeBreakoutRoom()</code>	1.0 / 1.0
Method	<code>getNumberOfParticipants()</code>	1.0 / 1.0
Attribute	<code>breakoutRoomSize</code>	0.0 / 1.0
<p>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.</p> <p>Check <code>private final int breakoutRoomSize</code> attribute exists and defined properly</p>		
Method	<code>listParticipants()</code>	1.0 / 2.0
<p>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.</p> <p>Check <code>BreakoutRoom(String)</code> constructor exists and is accessible</p> <p>Check <code>addParticipant(String)</code> method exists and is accessible</p> <p>Check <code>openBreakoutRoom()</code> method exists and is accessible</p> <p>Check <code>breakoutRoomID</code> attribute exists</p> <p>Check <code>public String listParticipants()</code> method exists and defined properly</p> <p>Check <code>BreakoutRoom(String)</code> constructor creates instances with args ("Room1")</p> <p>Check <code>openBreakoutRoom()</code> method runs</p> <p>Check <code>addParticipant(String)</code> method runs with args ("10000000")</p> <p>Check <code>listParticipants()</code> method returns string containing attribute <code>breakoutRoomID</code> +1.0</p> <p>Check <code>listParticipants()</code> method returns string containing attribute <code>participants</code> in format "participant_1.toString() \n participant_2.toString() \n ... participant_ n.toString() "</p>		

Participant Class

Passed 4/5; Failed 1/5.

Attribute	<code>participantID</code>	1.0 / 1.0
Constructor	<code>Participant(String)</code>	2.0 / 2.0
Method	<code>toString()</code>	2.0 / 2.0
Method	<code>getParticipantID()</code>	1.0 / 1.0
Method	<code>verifyID(String)</code>	0.0 / 2.0
<p>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.</p> <p>Check <code>public static boolean verifyID(String)</code> method exists and defined properly</p>		