



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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73.84%

B+

Criteria	Mark
VirtualMeetingSystem	17.0
VirtualRoom	19.0
BreakoutRoom	19.5
Participant	8.0
Total (out of 86.0)	63.5

VirtualMeetingSystem Class

Passed 8/10; Failed 2/10.

Method	<code>createVirtualRoom(String)</code>	2.0 / 2.0
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>	2.0 / 2.0
Method	<code>loadParticipantData(String)</code>	0.0 / 5.0
<p>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.</p>		
Check <code>VirtualMeetingSystem()</code> constructor exists and is accessible		✓
Check <code>public void loadParticipantData(String)</code> method exists and defined properly		✓
Check <code>VirtualMeetingSystem()</code> constructor creates instances		✓
Check <code>loadParticipantData(String)</code> method runs with args (<code>"src/al/test/resources/participant.dat"</code>)		✓
Check first attribute with type <code>String[]</code> equals an array with size 50		✓
Check ID attribute equals an array with size 50		✗
Method	<code>allocateParticipants(String)</code>	0.0 / 10.0
<p>Does not work as anticipated: produced <code>java.lang.NullPointerException: Cannot read the array length because "this.ID" is null</code>. We expect your method to run without problems, but instead yours contains bad code that creates problems.</p>		

Check <code>VirtualMeetingSystem()</code> constructor exists and is accessible	✓
Check <code>loadParticipantData(String)</code> method exists and is accessible	✓
Check <code>createVirtualRoom(String)</code> method exists and is accessible	✓
Check <code>public void allocateParticipants(String)</code> method exists and defined properly	✓
Check <code>VirtualMeetingSystem()</code> constructor creates instances	✓
Check <code>loadParticipantData(String)</code> method runs with args (<code>"src/al/test/resources/participant.dat"</code>)	✓
Check <code>createVirtualRoom(String)</code> method runs with args (<code>"VirtualRoom"</code>)	✓
Check <code>allocateParticipants(String)</code> method runs with args (<code>"RR"</code>)	✗

VirtualRoom Class

Passed 11/14; Partially passed 1/14; Failed 2/14.

Attribute	<code>breakoutRooms</code>	1.0 / 1.0
Attribute	<code>breakoutRoomLimit</code>	1.0 / 1.0
Attribute	<code>name</code>	1.0 / 1.0
Constructor	<code>VirtualRoom(String, int)</code>	2.0 / 2.0
Constructor	<code>VirtualRoom(String)</code>	2.0 / 2.0
Method	<code>listBreakoutRooms()</code>	2.0 / 2.0
Method	<code>findBreakoutRoom(int)</code>	2.0 / 2.0
Method	<code>createBreakoutRooms()</code>	2.0 / 2.0
Method	<code>findParticipantBreakoutRoom(String)</code>	2.0 / 2.0
Method	<code>getNumberOfBreakoutRooms()</code>	1.0 / 1.0

Method	<code>addParticipantToBreakoutRoom(String, int)</code>	2.0 / 2.0
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Method	<code>openBreakoutRoom(int)</code>	0.0 / 2.0
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Cannot be further tested because testing relies on another method that Does not alter the breakoutRooms 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 <code>VirtualRoom(String)</code> constructor exists and is accessible	✓
Check <code>createBreakoutRooms()</code> method exists and is accessible	✓
Check <code>closeBreakoutRoom(int)</code> method exists and is accessible	✓
Check <code>breakoutRooms</code> attribute exists	✓
Check <code>public boolean openBreakoutRoom(int)</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>closeBreakoutRoom(int)</code> method runs with args (<code>1</code>)	✓
Check <code>openBreakoutRoom(int)</code> method runs with args (<code>1</code>)	✓
Check <code>breakoutRooms</code> attribute equals an array containing <code>hasProperty("open", true)</code>	✗

Method	<code>closeBreakoutRoom(int)</code>	0.0 / 2.0
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Cannot be further tested because testing relies on another method that Does not alter the breakoutRooms 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 <code>VirtualRoom(String)</code> constructor exists and is accessible	✓
Check <code>createBreakoutRooms()</code> method exists and is accessible	✓
Check <code>breakoutRooms</code> attribute exists	✓
Check <code>public boolean closeBreakoutRoom(int)</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>closeBreakoutRoom(int)</code> method runs with args (<code>1</code>)	✓

Check breakoutRooms attribute equals an array containing hasProperty("open", false)



Method

listParticipantsInBreakoutRoom(int)

1.0 / 2.0

Returns incorrect values. We expect your method to return a particular value, but instead yours returns another incorrect one.

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)



BreakoutRoom Class

Passed 12/16; Partially passed 1/16; Failed 3/16.

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	<code>toString()</code>	2.0 / 2.0
Method	<code>addParticipant(String)</code>	2.0 / 2.0
Method	<code>listParticipants()</code>	2.0 / 2.0
Method	<code>openBreakoutRoom()</code>	1.0 / 1.0
Method	<code>closeBreakoutRoom()</code>	1.0 / 1.0
Constructor	<code>BreakoutRoom(String)</code>	3.5 / 3.0
Method	<code>getBreakoutRoomID()</code>	0.0 / 1.0
<p>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.</p> <p>Check <code>BreakoutRoom(String)</code> constructor exists and is accessible ✓</p> <p>Check <code>breakoutRoomID</code> attribute exists ✓</p> <p>Check <code>public String getBreakoutRoomID()</code> method exists and defined properly ✗</p>		
Method	<code>getOpen()</code>	0.0 / 1.0
<p>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.</p> <p>Check <code>BreakoutRoom(String)</code> constructor exists and is accessible ✓</p> <p>Check <code>open</code> attribute exists ✓</p> <p>Check <code>public boolean getOpen()</code> method exists and defined properly ✗</p>		
Method	<code>getNumberOfParticipants()</code>	0.0 / 1.0
<p>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.</p> <p>Check <code>BreakoutRoom(String)</code> constructor exists and is accessible ✓</p> <p>Check <code>numberOfParticipants</code> attribute exists ✓</p> <p>Check <code>public int getNumberOfParticipants()</code> method exists and defined properly ✗</p>		

Participant Class

Passed 5/5.

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>verifyID(String)</code>	2.0 / 2.0
Method	<code>getParticipantID()</code>	1.0 / 1.0