



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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66.28%

B

Criteria	Mark
VirtualMeetingSystem	9.0
VirtualRoom	21.0
BreakoutRoom	19.0
Participant	8.0
Total (out of 86.0)	57.0

VirtualMeetingSystem Class

Passed 4/10; Partially passed 1/10; Failed 5/10.

Method	<code>createVirtualRoom(String)</code>	2.0 / 2.0
Method	<code>openBreakoutRoom(int)</code>	2.0 / 2.0
Method	<code>closeBreakoutRoom(int)</code>	2.0 / 2.0
Method	<code>findParticipantBreakoutRoom(String)</code>	2.0 / 2.0
Method	<code>allocateParticipants(String)</code>	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 <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>)		✗
Method	<code>addParticipant(String, int)</code>	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 <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>openBreakoutRoom(int)</code> method exists and is accessible	✓
Check <code>public boolean addParticipant(String, int)</code> method exists and defined properly	✓
Check <code>VirtualMeetingSystem()</code> constructor creates instances	✓
Check <code>loadParticipantData(String)</code> method runs with args ("src/al/test/resources/participant.dat")	✓
Check <code>createVirtualRoom(String)</code> method runs with args ("VirtualRoom")	✓
Check <code>openBreakoutRoom(int)</code> method runs with args (1)	✓
Check <code>addParticipant(String, int)</code> method returns true with args ("12345678", 1)	✗

Method	<code>listParticipants(int)</code>	0.0 / 3.0
Returns some values but not all. We expect your method to return a set of values, but instead yours returns only some.		
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 <code>public String listParticipants(int)</code> method exists and defined properly	✓	
Check <code>VirtualMeetingSystem()</code> constructor creates instances	✓	
Check <code>createVirtualRoom(String)</code> method runs with args ("VirtualRoom")	✓	
Check <code>openBreakoutRoom(int)</code> method runs with args (1)	✓	
Check <code>addParticipant(String, int)</code> method runs with args ("12345678", 1)	✓	
Check <code>listParticipants(int)</code> method returns a string containing "VirtualRoom" with args (1)	✗	

Method	<code>listAllBreakoutRooms()</code>	0.0 / 2.0
Does not work as anticipated: produced <code>java.lang.NullPointerException: Cannot invoke "out.Darion_Ramrattan_657833_assignsubmission_file_.BreakoutRoom.toString()" because "this.breakoutRooms[i]" is null</code> . We expect your method to run without problems, but instead yours contains bad code that creates problems.		

Check <code>VirtualMeetingSystem()</code> constructor exists and is accessible	✓
Check <code>createVirtualRoom(String)</code> method exists and is accessible	✓
Check <code>public String listAllBreakoutRooms()</code> method exists and defined properly	✓
Check <code>VirtualMeetingSystem()</code> constructor creates instances	✓
Check <code>createVirtualRoom(String)</code> method runs with args (<code>"VirtualRoom"</code>)	✓
Check <code>listAllBreakoutRooms()</code> method returns a string containing <code>"VirtualRoom"</code>	✗

Method	<code>listParticipantsInAllBreakoutRooms()</code>	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 <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 <code>public String listParticipantsInAllBreakoutRooms()</code> method exists and defined properly	✓	
Check <code>VirtualMeetingSystem()</code> constructor creates instances	✓	
Check <code>createVirtualRoom(String)</code> method runs with args (<code>"VirtualRoom"</code>)	✓	
Check <code>openBreakoutRoom(int)</code> method runs with args (<code>1</code>)	✓	
Check <code>addParticipant(String, int)</code> method runs with args (<code>"12345678", 1</code>)	✓	
Check <code>listParticipantsInAllBreakoutRooms()</code> method returns a string containing <code>"12345678"</code>	✗	

Method	<code>loadParticipantData(String)</code>	1.0 / 5.0
Does not alter the participant 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>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 participant attribute equals an array with size 50 +1.0	✓
Check first attribute with type <code>String[]</code> equals not an array containing null +1.0	✓
Check participant attribute equals not an array containing null	✗

VirtualRoom Class

Passed 12/14; Partially passed 1/14; Failed 1/14.

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>findBreakoutRoom(int)</code>	2.0 / 2.0
Method	<code>createBreakoutRooms()</code>	2.0 / 2.0
Method	<code>openBreakoutRoom(int)</code>	2.0 / 2.0
Method	<code>closeBreakoutRoom(int)</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

Method	<code>listBreakoutRooms()</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>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		✗

Method	<code>listParticipantsInBreakoutRoom(int)</code>	1.0 / 2.0
Returns incorrect values. We expect your method to return a particular value, but instead yours returns another incorrect one.		
Check <code>VirtualRoom(String)</code> constructor exists and is accessible		✓
Check <code>createBreakoutRooms()</code> method exists and is accessible		✓
Check <code>addParticipantToBreakoutRoom(String, int)</code> method exists and is accessible		✓
Check <code>public String listParticipantsInBreakoutRoom(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>listParticipantsInBreakoutRoom(int)</code> method returns <code>not null</code> with args <code>(1)</code> +1.0		✓
Check <code>listParticipantsInBreakoutRoom(int)</code> method returns string containing attribute name with args <code>(1)</code>		✗

BreakoutRoom Class

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

Attribute	<code>breakoutRoomID</code>	1.0 / 1.0
Attribute	<code>breakoutRoomSize</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>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
Method	<code>listParticipants()</code>	0.0 / 2.0
Returns incorrect values. We expect your method to return a particular value, but instead yours returns another incorrect one.		
Check <code>BreakoutRoom(String)</code> constructor exists and is accessible		✓
Check <code>addParticipant(String)</code> method exists and is accessible		✓
Check <code>openBreakoutRoom()</code> method exists and is accessible		✓
Check <code>breakoutRoomID</code> attribute exists		✓
Check <code>public String listParticipants()</code> method exists and defined properly		✓
Check <code>BreakoutRoom(String)</code> constructor creates instances with args ("Room1")		✓
Check <code>openBreakoutRoom()</code> method runs		✓
Check <code>addParticipant(String)</code> method runs with args ("10000000")		✓
Check <code>listParticipants()</code> method returns string containing attribute <code>breakoutRoomID</code>		✗

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		✗

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