

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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Criteria	Mark
VirtualMeetingSystem	16.0
VirtualRoom	21.0
BreakoutRoom	22.5
Participant	8.0
Total (out of 86.0)	67.5

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	findParticipantBreakoutRoom(String)	2.0 / 2.0
Method	listParticipantsInAllBreakoutRooms()	2.0 / 2.0
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Method Does not work as a	allocateParticipants(String) nticipated: produced java.lang.NullPointerException: Cannot invoke "String. tID" is null. We expect your method to run without problems, but instead yo	• "
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Method listAllBreakoutRooms() 0.0/2.0

Does not work as anticipated: produced java.lang.ArrayIndexOutOfBoundsException: Index 5 out of bounds

for length 5. 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 createVirtualRoom(String) method exists and is accessible	✓
Check public String listAllBreakoutRooms() method exists and defined properly	✓
Check VirtualMeetingSystem() constructor creates instances	✓
Check createVirtualRoom(String) method runs with args ("VirtualRoom")	✓
Check listAllBreakoutRooms() method returns a string containing "VirtualRoom"	X

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 particular set of instance attributes, but yours doesn't, or it does it in an unanticipated way.	of a
Check VirtualMeetingSystem() constructor exists and is accessible	✓
Check public void loadParticipantData(String) method exists and defined properly	✓
Check VirtualMeetingSystem() constructor creates instances	✓
<pre>Check loadParticipantData(String) method runs with args ("src/al/test/resources/participant.dat")</pre>	✓
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 12/14; Failed 2/14.

Attribute	breakoutRooms	1.0 / 1.0
Attribute	breakoutRoomLimit	1.0 / 1.0

Check createBreak Check public Str Check VirtualRook Check createBreak	m(String) constructor exists and is accessible koutRooms() method exists and is accessible ing listBreakoutRooms() method exists and defined properly m(String) constructor creates instances with args ("VirtualRoom") koutRooms() method runs utRooms() method returns string containing attribute name	✓ ✓ ✓ ✓	
Check CreateBread Check public Str	koutRooms() method exists and is accessible ing listBreakoutRooms() method exists and defined properly	\forall \foral	
Check VirtualRoom	koutRooms() method exists and is accessible	✓ ✓ ✓	
Check VirtualRoom		✓ ✓	
·	n(String) constructor exists and is accessible	✓	
creates problems.			
Does not work as anticipated: produced java.lang.ArrayIndexOutOfBoundsException: Index 5 out of bounds for length 5. We expect your method to run without problems, but instead yours contains bad code that creates problems.			
Method	listBreakoutRooms()	0.0 / 2.0	
Method	addParticipantToBreakoutRoom(String, int)	2.0 / 2.0	
Method	listParticipantsInBreakoutRoom(int)	2.0 / 2.0	
Method	findParticipantBreakoutRoom(String)	2.0 / 2.0	
Method	closeBreakoutRoom(int)	2.0 / 2.0	
Method	openBreakoutRoom(int)	2.0 / 2.0	
Method	createBreakoutRooms()	2.0 / 2.0	
Method	<pre>findBreakoutRoom(int)</pre>	2.0 / 2.0	
Constructor	VirtualRoom(String)	2.0 / 2.0	
	VirtualRoom(String, int)	2.0 / 2.0	
Constructor			

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.

 $\textbf{Check} \ \texttt{VirtualRoom(String)} \ \textbf{constructor exists and is accessible}$

Check breakoutRoomLimit attribute exists	1	
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	×	

BreakoutRoom Class

Passed 15/16; Partially passed 1/16.

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	toString()	2.0 / 2.0
Method	getBreakoutRoomID()	1.0 / 1.0
Method	getOpen()	1.0 / 1.0
Method	addParticipant(String)	2.0 / 2.0
Method	listParticipants()	2.0 / 2.0
Method	openBreakoutRoom()	1.0 / 1.0
Method	closeBreakoutRoom()	1.0 / 1.0

Method	getNumberOfParticipants()	1.0 / 1.0
Constructor	BreakoutRoom(String)	3.5 / 3.0

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