



**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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70.93%

**B+**

Criteria	Mark
VirtualMeetingSystem	15.0
VirtualRoom	13.0
BreakoutRoom	20.0
Participant	8.0
Bonuses	+5.0
<b>Total (out of 86.0)</b>	<b>61.0</b>

## Grade Changes

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

Bonuses	
Merit Bonus: Early submission	+5.0

### VirtualMeetingSystem Class

Passed 7/10; Failed 3/10.

Method	<code>createVirtualRoom(String)</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 work as anticipated: produced java.io.FileNotFoundException: /Users/azeldaniel/Documents/GitHub/automarker/example/example/src/a1/test/resources/participant.dat (No such file or directory). 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>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		✗

```
("src/a1/test/resources/participant.dat")
```

Method

`allocateParticipants(String)`

0.0 / 10.0

Cannot be further tested because testing relies on the `loadParticipantData` method that does not work as anticipated: produced `java.io.FileNotFoundException`:

`/Users/azeldaniel/Documents/GitHub/automarker/example/example/src/a1/test/resources/participant.dat` (No such file or directory). 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 `loadParticipantData(String)` method exists and is accessible

✓

Check `createVirtualRoom(String)` method exists and is accessible

✓

Check `public void allocateParticipants(String)` method exists and defined properly

✓

Check `VirtualMeetingSystem()` constructor creates instances

✓

Check `loadParticipantData(String)` method runs with args  
`("src/a1/test/resources/participant.dat")`

✗

Method

`addParticipant(String, int)`

0.0 / 2.0

Cannot be further tested because testing relies on the `loadParticipantData` method that does not work as anticipated: produced `java.io.FileNotFoundException`:

`/Users/azeldaniel/Documents/GitHub/automarker/example/example/src/a1/test/resources/participant.dat` (No such file or directory). 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 `loadParticipantData(String)` method exists and is accessible

✓

Check `createVirtualRoom(String)` method exists and is accessible

✓

Check `openBreakoutRoom(int)` method exists and is accessible

✓

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

✓

Check `VirtualMeetingSystem()` constructor creates instances

✓

Check `loadParticipantData(String)` method runs with args  
`("src/a1/test/resources/participant.dat")`

✗

## VirtualRoom Class

Passed 6/14; Partially passed 2/14; Failed 6/14.

Attribute	<code>name</code>	1.0 / 1.0
Method	<code>listBreakoutRooms()</code>	2.0 / 2.0
Method	<code>findBreakoutRoom(int)</code>	2.0 / 2.0
Method	<code>findParticipantBreakoutRoom(String)</code>	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
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>private BreakoutRoom[] breakoutRooms</code> attribute exists and defined properly		✗
Attribute	<code>breakoutRoomLimit</code>	0.0 / 1.0
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>private final int breakoutRoomLimit</code> attribute exists and defined properly		✗
Constructor	<code>VirtualRoom(String, int)</code>	1.0 / 2.0
Does not initialize the <code>breakoutRoomLimit</code> attribute. We expect your constructor to initialize a particular set of instance attributes, but yours doesn't.		
Check <code>public VirtualRoom(String, int)</code> constructor exists and defined properly		✓
Check <code>VirtualRoom(String, int)</code> constructor creates instances with args ( <code>"VirtualRoom"</code> , <code>10</code> ) +0.5		✓
Check <code>name</code> attribute equals <code>"VirtualRoom"</code> +0.5		✓

Check `breakoutRoomLimit` attribute equals 10

✗

Constructor

`VirtualRoom(String)`

1.0 / 2.0

Does not initialize the `breakoutRoomLimit` 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"` +0.5

✓

Check `breakoutRoomLimit` attribute equals 5

✗

Method

`createBreakoutRooms()`

0.0 / 2.0

Is not testable because testing relies on the `breakoutRooms` attribute that 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 `VirtualRoom(String)` constructor exists and is accessible

✓

Check `breakoutRooms` attribute exists

✗

Method

`openBreakoutRoom(int)`

0.0 / 2.0

Is not testable because testing relies on the `breakoutRooms` attribute that 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 `VirtualRoom(String)` constructor exists and is accessible

✓

Check `createBreakoutRooms()` method exists and is accessible

✓

Check `closeBreakoutRoom(int)` method exists and is accessible

✓

Check `breakoutRooms` attribute exists

✗

Method

`closeBreakoutRoom(int)`

0.0 / 2.0

Is not testable because testing relies on the `breakoutRooms` attribute that 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 `VirtualRoom(String)` constructor exists and is accessible

✓

Check `createBreakoutRooms()` method exists and is accessible

✓

Check breakoutRooms attribute exists

✗

Method

getNumberOfBreakoutRooms()

0.0 / 1.0

Is not testable because testing relies on the breakoutRoomLimit attribute that 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 VirtualRoom(String) constructor exists and is accessible

✓

Check breakoutRoomLimit attribute exists

✗

## BreakoutRoom Class

Passed 13/16; Partially passed 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

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	<code>getNumberOfParticipants()</code>	1.0 / 1.0
Constructor	<code>BreakoutRoom(String)</code>	3.5 / 3.0
Method	<code>toString()</code>	0.5 / 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>BreakoutRoom(String)</code> constructor exists and is accessible		✓
Check <code>breakoutRoomID</code> attribute exists		✓
Check <code>numberOfParticipants</code> attribute exists		✓
Check <code>public String toString()</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>toString()</code> method returns string containing attribute <code>breakoutRoomID</code> +0.5		✓
Check <code>toString()</code> method returns string containing attribute <code>numberOfParticipants</code>		✗
Method	<code>listParticipants()</code>	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 <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> +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	<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