



**The University of the West Indies, St. Augustine**  
**COMP 2603 Object Oriented Programming I**  
**Assignment 1 Grade Sheet**  
**2020/2021 Semester 2**

Jayson Hicks (816000935)

54.65%

**C**

Criteria	Mark
VirtualMeetingSystem	25.0
VirtualRoom	3.0
BreakoutRoom	6.0
Participant	3.0
Bonuses	+10.0
<b>Total (out of 86.0)</b>	<b>47.0</b>

## Grade Changes

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

Bonuses	
Merit Bonus: Early submission	+5.0
Question Bonus: allocateParticipants(String)	+5.0

## VirtualMeetingSystem Class

Passed 8/10; Failed 2/10.

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>	2.0 / 2.0
Method	<code>loadParticipantData(String)</code>	0.0 / 5.0
Does not alter the content 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 content attribute equals an array with size 50	✗

Method	<code>createVirtualRoom(String)</code>	0.0 / 2.0
--------	----------------------------------------	-----------

Does not alter the `vr` 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 createVirtualRoom(String)</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 first attribute with type <code>VirtualRoom</code> equals <code>not null</code>	✓
Check <code>vr</code> attribute equals <code>not null</code>	✗

## VirtualRoom Class

Passed 3/14; Failed 11/14.

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>	0.0 / 2.0
-------------	---------------------------------------	-----------

Does not have public access. We expect your attribute, method or constructor to have the `public` keyword indicating that it has public access, but yours doesn't.

Check <code>public VirtualRoom(String, int)</code> constructor exists and defined properly	✗
--------------------------------------------------------------------------------------------	---

Constructor	<code>VirtualRoom(String)</code>	0.0 / 2.0
-------------	----------------------------------	-----------

Does not have public access. We expect your attribute, method or constructor to have the public keyword indicating that it has public access, but yours doesn't.

Check `public VirtualRoom(String)` constructor exists and defined properly

✗

Method

`listBreakoutRooms()`

0.0 / 2.0

Is not testable as the class's constructor does not have public access: produced `java.lang.IllegalAccessException: class com.azeldaniel.automarker.marker.Constructor cannot access a member of class out.Jayson_Hicks_657770_assignsubmission_file_.VirtualRoom with modifiers ""`. We expect your attribute, method or constructor to have the public keyword indicating that it has public access, but yours doesn't.

Check `VirtualRoom(String)` constructor exists and is accessible

✓

Check `createBreakoutRooms()` method exists and is accessible

✓

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

✓

Check `VirtualRoom(String)` constructor creates instances with args (`"VirtualRoom"`)

✗

Method

`findBreakoutRoom(int)`

0.0 / 2.0

Is not testable as the class's constructor does not have public access: produced `java.lang.IllegalAccessException: class com.azeldaniel.automarker.marker.Constructor cannot access a member of class out.Jayson_Hicks_657770_assignsubmission_file_.VirtualRoom with modifiers ""`. We expect your attribute, method or constructor to have the public keyword indicating that it has public access, but yours doesn't.

Check `VirtualRoom(String)` constructor exists and is accessible

✓

Check `createBreakoutRooms()` method exists and is accessible

✓

Check `public BreakoutRoom findBreakoutRoom(int)` method exists and defined properly

✓

Check `VirtualRoom(String)` constructor creates instances with args (`"VirtualRoom"`)

✗

Method

`createBreakoutRooms()`

0.0 / 2.0

Is not testable as the class's constructor does not have public access: produced `java.lang.IllegalAccessException: class com.azeldaniel.automarker.marker.Constructor cannot access a member of class out.Jayson_Hicks_657770_assignsubmission_file_.VirtualRoom with modifiers ""`. We expect your attribute, method or constructor to have the public keyword indicating that it has public access, but yours doesn't.

Check <code>VirtualRoom(String)</code> constructor exists and is accessible	✓
Check <code>breakoutRooms</code> attribute exists	✓
Check <code>public void createBreakoutRooms()</code> method exists and defined properly	✓
Check <code>VirtualRoom(String)</code> constructor creates instances with args ( <code>"VirtualRoom"</code> )	✗

Method	<code>openBreakoutRoom(int)</code>	0.0 / 2.0
--------	------------------------------------	-----------

Is not testable as the class's constructor does not have public access: produced `java.lang.IllegalAccessException: class com.azeldaniel.automarker.marker.Constructor cannot access a member of class out.Jayson_Hicks_657770_assignsubmission_file_.VirtualRoom with modifiers ""`. We expect your attribute, method or constructor to have the `public` keyword indicating that it has public access, but yours doesn't.

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> )	✗

Method	<code>closeBreakoutRoom(int)</code>	0.0 / 2.0
--------	-------------------------------------	-----------

Is not testable as the class's constructor does not have public access: produced `java.lang.IllegalAccessException: class com.azeldaniel.automarker.marker.Constructor cannot access a member of class out.Jayson_Hicks_657770_assignsubmission_file_.VirtualRoom with modifiers ""`. We expect your attribute, method or constructor to have the `public` keyword indicating that it has public access, but yours doesn't.

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> )	✗

Method	<code>findParticipantBreakoutRoom(String)</code>	0.0 / 2.0
<p>Is not testable as the class's constructor does not have public access: produced  <code>java.lang.IllegalAccessException: class com.azeldaniel.automarker.marker.Constructor cannot access a member of class out.Jayson_Hicks_657770_assignsubmission_file_.VirtualRoom with modifiers ""</code>. We expect your attribute, method or constructor to have the public keyword indicating that it has public access, but yours doesn't.</p>		
Check <code>VirtualRoom(String)</code> constructor exists and is accessible		✓
Check <code>createBreakoutRooms()</code> method exists and is accessible		✓
Check <code>listParticipantsInBreakoutRoom(int)</code> method exists and is accessible		✓
Check <code>addParticipantToBreakoutRoom(String, int)</code> method exists and is accessible		✓
Check <code>public String findParticipantBreakoutRoom(String)</code> method exists and defined properly		✓
Check <code>VirtualRoom(String)</code> constructor creates instances with args ( <code>"VirtualRoom"</code> )		✗

Method	<code>getNumberOfBreakoutRooms()</code>	0.0 / 1.0
<p>Is not testable as the class's constructor does not have public access: produced  <code>java.lang.IllegalAccessException: class com.azeldaniel.automarker.marker.Constructor cannot access a member of class out.Jayson_Hicks_657770_assignsubmission_file_.VirtualRoom with modifiers ""</code>. We expect your attribute, method or constructor to have the public keyword indicating that it has public access, but yours doesn't.</p>		
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> )		✗

Method	<code>listParticipantsInBreakoutRoom(int)</code>	0.0 / 2.0
<p>Is not testable as the class's constructor does not have public access: produced  <code>java.lang.IllegalAccessException: class com.azeldaniel.automarker.marker.Constructor cannot access a member of class out.Jayson_Hicks_657770_assignsubmission_file_.VirtualRoom with modifiers ""</code>. We expect your attribute, method or constructor to have the public keyword indicating that it has public access, but yours doesn't.</p>		
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> )	✗

Method	<code>addParticipantToBreakoutRoom(String, int)</code>	0.0 / 2.0
--------	--------------------------------------------------------	-----------

Is not testable as the class's constructor does not have public access: produced `java.lang.IllegalAccessException: class com.azeldaniel.automarker.marker.Constructor cannot access a member of class out.Jayson_Hicks_657770_assignsubmission_file_.VirtualRoom with modifiers ""`. We expect your attribute, method or constructor to have the public keyword indicating that it has public access, but yours doesn't.

Check <code>VirtualRoom(String)</code> constructor exists and is accessible	✓
Check <code>createBreakoutRooms()</code> method exists and is accessible	✓
Check <code>listParticipantsInBreakoutRoom(int)</code> method exists and is accessible	✓
Check <code>public boolean addParticipantToBreakoutRoom(String, int)</code> method exists and defined properly	✓
Check <code>VirtualRoom(String)</code> constructor creates instances with args ( <code>"VirtualRoom"</code> )	✗

## BreakoutRoom Class

Passed 6/16; Failed 10/16.

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>	0.0 / 3.0
-------------	-----------------------------------	-----------

Does not have public access. We expect your attribute, method or constructor to have the public keyword indicating that it has public access, but yours doesn't.

Check <code>public BreakoutRoom(String)</code> constructor exists and defined properly	✗
----------------------------------------------------------------------------------------	---

Method	<code>findParticipant(String)</code>	0.0 / 2.0
--------	--------------------------------------	-----------

Is not testable as the class's constructor does not have public access: produced `java.lang.IllegalAccessException: class com.azeldaniel.automarker.marker.Constructor cannot access a member of class out.Jayson_Hicks_657770_assignsubmission_file_.BreakoutRoom with modifiers ""`. We expect your attribute, method or constructor to have the public keyword indicating that it has public access, but yours doesn't.

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>public Participant findParticipant(String)</code> method exists and defined properly	✓
--------------------------------------------------------------------------------------------------	---

Check <code>BreakoutRoom(String)</code> constructor creates instances with args ( "Room1" )	✗
---------------------------------------------------------------------------------------------	---

Method	<code>toString()</code>	0.0 / 2.0
--------	-------------------------	-----------

Is not testable as the class's constructor does not have public access: produced `java.lang.IllegalAccessException: class com.azeldaniel.automarker.marker.Constructor cannot access a member of class out.Jayson_Hicks_657770_assignsubmission_file_.BreakoutRoom with modifiers ""`. We expect your attribute, method or constructor to have the public keyword indicating that it has public access, but yours doesn't.

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" )	✗
---------------------------------------------------------------------------------------------	---



Method	<code>getBreakoutRoomID()</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>BreakoutRoom(String)</code> constructor exists and is accessible	✓
------------------------------------------------------------------------------	---

Check <code>breakoutRoomID</code> attribute exists	✓
----------------------------------------------------	---

Check <code>public String getBreakoutRoomID()</code> method exists and defined properly	✗
-----------------------------------------------------------------------------------------	---

Method	<code>getOpen()</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>BreakoutRoom(String)</code> constructor exists and is accessible	✓
------------------------------------------------------------------------------	---

Check <code>open</code> attribute exists	✓
------------------------------------------	---

Check <code>public boolean getOpen()</code> method exists and defined properly	✗
--------------------------------------------------------------------------------	---

Method	<code>addParticipant(String)</code>	0.0 / 2.0
--------	-------------------------------------	-----------

Is not testable as the class's constructor does not have public access: produced `java.lang.IllegalAccessException: class com.azeldaniel.automarker.marker.Constructor cannot access a member of class out.Jayson_Hicks_657770_assignsubmission_file_.BreakoutRoom with modifiers ""`. We expect your attribute, method or constructor to have the public keyword indicating that it has public access, but yours doesn't.

Check <code>BreakoutRoom(String)</code> constructor exists and is accessible	✓
------------------------------------------------------------------------------	---

Check <code>openBreakoutRoom()</code> method exists and is accessible	✓
-----------------------------------------------------------------------	---

Check <code>public boolean addParticipant(String)</code> method exists and defined properly	✓
---------------------------------------------------------------------------------------------	---

Check <code>BreakoutRoom(String)</code> constructor creates instances with args ( "Room1" )	✗
---------------------------------------------------------------------------------------------	---

Method	<code>listParticipants()</code>	0.0 / 2.0
--------	---------------------------------	-----------

Is not testable as the class's constructor does not have public access: produced `java.lang.IllegalAccessException: class com.azeldaniel.automarker.marker.Constructor cannot access a member of class out.Jayson_Hicks_657770_assignsubmission_file_.BreakoutRoom with modifiers ""`. We expect your attribute, method or constructor to have the public keyword indicating that it has public access, but yours doesn't.

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" )	✗

Method	<code>openBreakoutRoom()</code>	0.0 / 1.0
Is not testable as the class's constructor does not have public access: produced <code>java.lang.IllegalAccessException: class com.azeldaniel.automarker.marker.Constructor cannot access a member of class out.Jayson_Hicks_657770_assignsubmission_file_.BreakoutRoom with modifiers ""</code> . We expect your attribute, method or constructor to have the public keyword indicating that it has public access, but yours doesn't.		
Check <code>BreakoutRoom(String)</code> constructor exists and is accessible	✓	
Check <code>closeBreakoutRoom()</code> method exists and is accessible	✓	
Check <code>open</code> attribute exists	✓	
Check <code>public void openBreakoutRoom()</code> method exists and defined properly	✓	
Check <code>BreakoutRoom(String)</code> constructor creates instances with args ( "Room1" )	✗	

Method	<code>closeBreakoutRoom()</code>	0.0 / 1.0
Is not testable as the class's constructor does not have public access: produced <code>java.lang.IllegalAccessException: class com.azeldaniel.automarker.marker.Constructor cannot access a member of class out.Jayson_Hicks_657770_assignsubmission_file_.BreakoutRoom with modifiers ""</code> . We expect your attribute, method or constructor to have the public keyword indicating that it has public access, but yours doesn't.		
Check <code>BreakoutRoom(String)</code> constructor exists and is accessible	✓	
Check <code>open</code> attribute exists	✓	
Check <code>numberOfParticipants</code> attribute exists	✓	
Check <code>public void closeBreakoutRoom()</code> method exists and defined properly	✓	
Check <code>BreakoutRoom(String)</code> constructor creates instances with args ( "Room1" )	✗	

Method	<code>getNumberOfParticipants()</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>BreakoutRoom(String)</code> constructor exists and is accessible	✓
------------------------------------------------------------------------------	---

Check <code>numberOfParticipants</code> attribute exists	✓
----------------------------------------------------------	---

Check <code>public int getNumberOfParticipants()</code> method exists and defined properly	✗
--------------------------------------------------------------------------------------------	---

## Participant Class

Passed 2/5; Failed 3/5.

Attribute	<code>participantID</code>	1.0 / 1.0
-----------	----------------------------	-----------

Method	<code>verifyID(String)</code>	2.0 / 2.0
--------	-------------------------------	-----------

Constructor	<code>Participant(String)</code>	0.0 / 2.0
-------------	----------------------------------	-----------

Does not have public access. We expect your attribute, method or constructor to have the public keyword indicating that it has public access, but yours doesn't.

Check <code>public Participant(String)</code> constructor exists and defined properly	✗
---------------------------------------------------------------------------------------	---

Method	<code>toString()</code>	0.0 / 2.0
--------	-------------------------	-----------

Is not testable as the class's constructor does not have public access: produced `java.lang.IllegalAccessException: class com.azeldaniel.automarker.marker.Constructor cannot access a member of class out.Jayson_Hicks_657770_assignsubmission_file_.Participant with modifiers ""`. We expect your attribute, method or constructor to have the public keyword indicating that it has public access, but yours doesn't.

Check <code>Participant(String)</code> constructor exists and is accessible	✓
-----------------------------------------------------------------------------	---

Check <code>participantID</code> attribute exists	✓
---------------------------------------------------	---

Check <code>public String toString()</code> method exists and defined properly	✓
--------------------------------------------------------------------------------	---

Check <code>Participant(String)</code> constructor creates instances with args ( "12345678" )	✗
-----------------------------------------------------------------------------------------------	---

Method

getParticipantID()

0.0 / 1.0

Is not testable as the class's constructor does not have public access: produced  
java.lang.IllegalAccessException: class com.azeldaniel.automarker.marker.Constructor cannot access a  
member of class out.Jayson\_Hicks\_657770\_assignsubmission\_file\_.Participant with modifiers "". We  
expect your attribute, method or constructor to have the public keyword indicating that it has public access,  
but yours doesn't.

Check Participant(String) constructor exists and is accessible

✓

Check participantID attribute exists

✓

Check public String getParticipantID() method exists and defined properly

✓

Check Participant(String) constructor creates instances with args ( "12345678" )

✗