



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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54.53%

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Criteria	Mark
VirtualMeetingSystem	12.0
VirtualRoom	18.0
BreakoutRoom	18.5
Participant	3.0
Bonuses	+5.0
Deductions	-9.6
Total (out of 86.0)	46.9

Grade Changes

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

Bonuses	
Merit Bonus: Early submission	+5.0
Deductions	
Formatting Error: Incorrect archive format (please use .zip)	-1
Plagiarism Detected: "Chump - First Infraction" from cluster with 3 other persons (-10%)	-8.6

VirtualMeetingSystem Class

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

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>findParticipantBreakoutRoom(String)</code>	2.0 / 2.0
Method	<code>createVirtualRoom(String)</code>	0.0 / 2.0
Does not alter the VirtualRooms 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 ("VirtualRoom")		✓

Check first attribute with type <code>VirtualRoom</code> equals <code>not null</code>	✓
Check <code>VirtualRooms</code> attribute equals <code>not null</code>	✗

Method	<code>allocateParticipants(String)</code>	0.0 / 10.0
Does not work as anticipated: produced <code>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.</code>		
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>listAllBreakoutRooms()</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>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
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>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	✗

Method	<code>loadParticipantData(String)</code>	1.0 / 5.0
Does not alter the store 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/a1/test/resources/participant.dat"</code>)		✓
Check first attribute with type <code>String[]</code> equals an array with size 50		✓
Check store 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 store attribute equals not an array containing null		✗

VirtualRoom Class

Passed 10/14; Partially passed 1/14; Failed 3/14.

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)</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>addParticipantToBreakoutRoom(String, int)</code>	2.0 / 2.0
Constructor	<code>VirtualRoom(String, int)</code>	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 <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 name attribute equals <code>"VirtualRoom" +0.5</code>		✓
Check <code>breakoutRoomLimit</code> attribute equals <code>10</code>		✗
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>getNumberOfBreakoutRooms()</code>	0.0 / 1.0
Does not work as anticipated: produced <code>java.lang.NullPointerException: Cannot invoke "out.Jerome_Charles_657714_assignsubmission_file_.BreakoutRoom.getopen()" 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>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>)	✓
Check <code>getNumberOfBreakoutRooms()</code> method returns value equal to attribute <code>breakoutRoomLimit</code>	✗

Method	<code>listParticipantsInBreakoutRoom(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>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>)		✗

BreakoutRoom Class

Passed 11/16; Partially passed 2/16; Failed 3/16.

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
Method	<code>findParticipant(String)</code>	2.0 / 2.0
Method	<code>toString()</code>	2.0 / 2.0
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
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</p>		

isn't or not defined at all.

Check `BreakoutRoom(String)` constructor exists and is accessible ✓

Check `numberOfParticipants` attribute exists ✓

Check `public int getNumberOfParticipants()` method exists and defined properly ✗

Method	<code>listParticipants()</code>	1.0 / 2.0
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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 `addParticipant(String)` method exists and is accessible ✓

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

Check `breakoutRoomID` attribute exists ✓

Check `public String listParticipants()` method exists and defined properly ✓

Check `BreakoutRoom(String)` constructor creates instances with args ("Room1") ✓

Check `openBreakoutRoom()` method runs ✓

Check `addParticipant(String)` method runs with args ("10000000") ✓

Check `listParticipants()` method returns string containing attribute `breakoutRoomID` +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 2/5; Failed 3/5.

Attribute	<code>participantID</code>	1.0 / 1.0
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Method	<code>verifyID(String)</code>	2.0 / 2.0
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Constructor	<code>Participant(String)</code>	0.0 / 2.0
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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 Participant(String)` constructor exists and defined properly

✗

Method

`toString()`

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.Jerome_Charles_657714_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 toString()` method exists and defined properly

✓

Check `Participant(String)` 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.Jerome_Charles_657714_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")

✗