



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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27.33%

F3

Criteria	Mark
VirtualMeetingSystem	0.0
VirtualRoom	6.5
BreakoutRoom	12.0
Participant	5.0
Total (out of 86.0)	23.5

VirtualMeetingSystem Class

Failed 10/10.

Method	loadParticipantData(String)	0.0 / 5.0
Does not have anticipated type. We expect your attribute to be defined with a particular type, but yours isn't.		
Check VirtualMeetingSystem() constructor exists and is accessible		✓
Check public void loadParticipantData(String) method exists and defined properly		✓
Check VirtualMeetingSystem() constructor creates instances		✓
Check loadParticipantData(String) method runs with args ("src/al/test/resources/participant.dat")		✓
Check first attribute with type String[] equals an array with size 50		✗

Method	createVirtualRoom(String)	0.0 / 2.0
Does not alter the virtualRoom 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 VirtualMeetingSystem() constructor exists and is accessible		✓
Check public void createVirtualRoom(String) method exists and defined properly		✓
Check VirtualMeetingSystem() constructor creates instances		✓
Check createVirtualRoom(String) method runs with args ("VirtualRoom")		✓
Check first attribute with type VirtualRoom equals not null		✓
Check virtualRoom attribute equals not null		✗

Method	allocateParticipants(String)	0.0 / 10.0
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 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

✗

Method

`addParticipant(String, int)`

0.0 / 2.0

Is not testable because testing relies on the `openBreakoutRoom` method 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 `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

✗

Method

`listParticipants(int)`

0.0 / 3.0

Is not testable because testing relies on the `openBreakoutRoom` method 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 `VirtualMeetingSystem()` constructor exists and is accessible

✓

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

✓

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

✗

Method

`openBreakoutRoom(int)`

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 `VirtualMeetingSystem()` constructor exists and is accessible

✓

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

✓

Check `public boolean openBreakoutRoom(int)` method exists and defined properly

✗

Method

`closeBreakoutRoom(int)`

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 `VirtualMeetingSystem()` constructor exists and is accessible

✓

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

✓

Check `public boolean closeBreakoutRoom(int)` method exists and defined properly

✗

Method

`listAllBreakoutRooms()`

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 `VirtualMeetingSystem()` constructor exists and is accessible

✓

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

✓

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

✗

Method

`findParticipantBreakoutRoom(String)`

0.0 / 2.0

Is not testable because testing relies on the `openBreakoutRoom` method 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 `VirtualMeetingSystem()` constructor exists and is accessible

✓

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

✓

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

✗

Method

`listParticipantsInAllBreakoutRooms()`

0.0 / 2.0

Is not testable because testing relies on the `openBreakoutRoom` method 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 `VirtualMeetingSystem()` constructor exists and is accessible

✓

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

✓

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

✗

VirtualRoom Class

Passed 3/14; Partially passed 3/14; Failed 8/14.

Attribute

`breakoutRooms`

1.0 / 1.0

Attribute

`name`

1.0 / 1.0

Method	<code>createBreakoutRooms()</code>	2.0 / 2.0
Attribute	<code>breakoutRoomLimit</code>	0.0 / 1.0
Does not have final modifier. We expect your attribute or method to have the final keyword indicating that it is a constant attribute or an un-overridable method, but yours doesn't.		
Check <code>private final int breakoutRoomLimit</code> attribute exists and defined properly		✗
Constructor	<code>VirtualRoom(String, int)</code>	0.5 / 2.0
Does not initialize the name 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>		✗
Constructor	<code>VirtualRoom(String)</code>	0.5 / 2.0
Does not initialize the name attribute. We expect your constructor to initialize a particular set of instance attributes, but yours doesn't.		
Check <code>public VirtualRoom(String)</code> constructor exists and defined properly		✓
Check <code>VirtualRoom(String)</code> constructor creates instances with args (<code>"VirtualRoom"</code>) +0.5		✓
Check <code>name</code> attribute equals <code>"VirtualRoom"</code>		✗
Method	<code>findBreakoutRoom(int)</code>	0.0 / 2.0
Does not work as anticipated: produced <code>java.lang.ArrayIndexOutOfBoundsException: Index 10 out of bounds for length 5</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>createBreakoutRooms()</code> method exists and is accessible		✓
Check <code>public BreakoutRoom findBreakoutRoom(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>findBreakoutRoom(int)</code> method returns not null with args (1)	✗

Method	<code>openBreakoutRoom(int)</code>	0.0 / 2.0
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Is not testable because testing relies on the `closeBreakoutRoom` method 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 <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	✗

Method	<code>closeBreakoutRoom(int)</code>	0.0 / 2.0
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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>breakoutRooms</code> attribute exists	✓
Check <code>public boolean closeBreakoutRoom(int)</code> method exists and defined properly	✗

Method	<code>findParticipantBreakoutRoom(String)</code>	0.0 / 2.0
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Is not testable because testing relies on the `listParticipantsInBreakoutRoom` method 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 <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	✗

Method	<code>getNumberOfBreakoutRooms()</code>	0.0 / 1.0
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Returns abnormal values. We expect your method to return a particular value, but instead yours returns a value that is not feasible nor valid.

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
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Is not testable because testing relies on the `addParticipantToBreakoutRoom` method 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 <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	✗

Method	<code>addParticipantToBreakoutRoom(String, int)</code>	0.0 / 2.0
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Is not testable because testing relies on the `listParticipantsInBreakoutRoom` method 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 <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	✗

Method	<code>listBreakoutRooms()</code>	1.5 / 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 <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	✓

Check <code>VirtualRoom(String)</code> constructor creates instances with args <code>("VirtualRoom")</code>	✓
Check <code>createBreakoutRooms()</code> method runs	✓
Check <code>listBreakoutRooms()</code> method returns string containing attribute <code>name</code> +1.5	✓
Check <code>listBreakoutRooms()</code> method returns string containing attribute <code>breakoutRooms</code> in format <code>"breakoutRoom_1.toString() \n breakoutRoom_2.toString() \n ... breakoutRoom_n.toString() "</code>	✗

BreakoutRoom Class

Passed 8/16; Partially passed 2/16; Failed 6/16.

Attribute	<code>breakoutRoomID</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
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
Attribute	<code>breakoutRoomSize</code>	0.0 / 1.0
Does not have final modifier. We expect your attribute or method to have the final keyword indicating that it is a constant attribute or an un-overridable method, but yours doesn't.		
Check <code>private final int breakoutRoomSize</code> attribute exists and defined properly		✗
Attribute	<code>breakoutRoomNumberCounter</code>	0.0 / 1.0
Is not a class attribute. We expect your attribute to be defined with the static keyword indicating that it is a		

class attribute, but yours isn't.

Check `private static int breakoutRoomNumberCounter` attribute exists and defined properly

✗

Constructor

`BreakoutRoom(String)`

1.0 / 3.0

Does not initialize the `breakoutRoomID` attribute. We expect your constructor to initialize a particular set of instance attributes, but yours doesn't.

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

✓

Check `BreakoutRoom(String)` constructor creates instances with args ("Room1") +1.0

✓

Check `breakoutRoomID` attribute equals `not null`

✗

Method

`findParticipant(String)`

0.0 / 2.0

Does not work as anticipated: produced `java.lang.ArrayIndexOutOfBoundsException: Index 10 out of bounds for length 10`. We expect your method to run without problems, but instead yours contains bad code that creates problems.

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

✓

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

✓

Check `openBreakoutRoom()` method exists and is accessible

✓

Check `public Participant findParticipant(String)` 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 `findParticipant(String)` method returns `not null` with args ("10000000")

✗

Method

`getBreakoutRoomID()`

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 `BreakoutRoom(String)` constructor exists and is accessible

✓

Check `breakoutRoomID` attribute exists

✓

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

✗

Method

`getOpen()`

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 `BreakoutRoom(String)` constructor exists and is accessible

✓

Check `open` attribute exists

✓

Check `public boolean getOpen()` method exists and defined properly

✗

Method

`getNumberOfParticipants()`

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 `BreakoutRoom(String)` constructor exists and is accessible

✓

Check `numberOfParticipants` attribute exists

✓

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

✗

Method

`listParticipants()`

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 `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 3/5; Partially passed 1/5; Failed 1/5.

Attribute	<code>participantID</code>	1.0 / 1.0
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Method	<code>toString()</code>	2.0 / 2.0
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Method	<code>getParticipantID()</code>	1.0 / 1.0
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Constructor	<code>Participant(String)</code>	1.0 / 2.0
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Does not initialize the `participantID` attribute. We expect your constructor to initialize a particular set of instance attributes, but yours doesn't.

Check `public Participant(String)` constructor exists and defined properly ✓

Check `Participant(String)` constructor creates instances with args ("12345678") +1.0 ✓

Check `participantID` attribute equals `equalToIgnoringWhiteSpace("12345678")` ✗

Method	<code>verifyID(String)</code>	0.0 / 2.0
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Is not a class method. We expect your method to be defined with the `static` keyword indicating that it is an class method, but yours isn't.

Check `public static boolean verifyID(String)` method exists and defined properly ✗