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

Selena Ali (816017254)
33.37%
F3

Criteria	Mark
VirtualMeetingSystem	18.0
VirtualRoom	7.5
BreakoutRoom	17.0
Participant	7.0
Bonuses	+5.0
Deductions	-25.8
Total (out of 86.0)	**28.7**

Grade Changes

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

Bonuses	
Question Bonus: allocateParticipants(String)	+5.0

Deductions	
Plagiarism Detected: "Cheater - First Infraction" from cluster with 3 other persons (-30%)	-25.8

VirtualMeetingSystem Class

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

Method	**createVirtualRoom(String)**	2.0 / 2.0

Method	**allocateParticipants(String)**	10.0 / 10.0

Method	**openBreakoutRoom(int)**	2.0 / 2.0

Method	**listAllBreakoutRooms()**	2.0 / 2.0

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/a1/test/resources/participant.dat")`	✓
Check first attribute with type `String[]` equals `an array with size 50`	✗

Method	**addParticipant(String, int)**	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 `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")`	✓
Check `createVirtualRoom(String)` method runs with args `("VirtualRoom")`	✓
Check `openBreakoutRoom(int)` method runs with args `(1)`	✓
Check `addParticipant(String, int)` method returns `true` with args `("12345678", 1)`	✗

Method **`closeBreakoutRoom(int)`** 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 boolean closeBreakoutRoom(int)` method exists and defined properly	✓
Check `VirtualMeetingSystem()` constructor creates instances	✓
Check `createVirtualRoom(String)` method runs with args `("VirtualRoom")`	✓
Check `closeBreakoutRoom(int)` method runs with args `(1)`	✗

Method **`findParticipantBreakoutRoom(String)`** 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 `VirtualMeetingSystem()` constructor exists and is accessible	✓
Check `createVirtualRoom(String)` method exists and is accessible	✓
Check `openBreakoutRoom(int)` method exists and is accessible	✓
Check `addParticipant(String, int)` method exists and is accessible	✓
Check `public String findParticipantBreakoutRoom(String)` method exists and defined properly	✓
Check `VirtualMeetingSystem()` constructor creates instances	✓
Check `createVirtualRoom(String)` method runs with args `("VirtualRoom")`	✓
Check `openBreakoutRoom(int)` method runs with args `(1)`	✓
Check `addParticipant(String, int)` method runs with args `("12345678", 1)`	✓
Check `findParticipantBreakoutRoom(String)` method returns `not null` with args `("12345678")`	✗

Method **`listParticipantsInAllBreakoutRooms()`** 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 `VirtualMeetingSystem()` constructor exists and is accessible	✓
Check `createVirtualRoom(String)` method exists and is accessible	✓
Check `openBreakoutRoom(int)` method exists and is accessible	✓
Check `addParticipant(String, int)` method exists and is accessible	✓
Check `public String listParticipantsInAllBreakoutRooms()` method exists and defined properly	✓
Check `VirtualMeetingSystem()` constructor creates instances	✓
Check `createVirtualRoom(String)` method runs with args `("VirtualRoom")`	✓
Check `openBreakoutRoom(int)` method runs with args `(1)`	✓
Check `addParticipant(String, int)` method runs with args `("12345678", 1)`	✓
Check `listParticipantsInAllBreakoutRooms()` method returns `a string containing "12345678"`	✗

Method	`listParticipants(int)`	2.0 / 3.0

Returns some values but not all. We expect your method to return a set of values, but instead yours returns only some.

Check `VirtualMeetingSystem()` constructor exists and is accessible	✓
Check `createVirtualRoom(String)` method exists and is accessible	✓
Check `openBreakoutRoom(int)` method exists and is accessible	✓
Check `addParticipant(String, int)` method exists and is accessible	✓
Check `public String listParticipants(int)` method exists and defined properly	✓
Check `VirtualMeetingSystem()` constructor creates instances	✓
Check `createVirtualRoom(String)` method runs with args `("VirtualRoom")`	✓
Check `openBreakoutRoom(int)` method runs with args `(1)`	✓
Check `addParticipant(String, int)` method runs with args `("12345678", 1)`	✓
Check `listParticipants(int)` method returns `a string containing "VirtualRoom"` with args `(1)` +2.0	✓
Check `listParticipants(int)` method returns `a string containing "12345678"` with args `(1)`	✗

VirtualRoom Class

Passed 5/14; Partially passed 1/14; Failed 8/14.

Attribute	`breakoutRooms`	1.0 / 1.0
Attribute	`breakoutRoomLimit`	1.0 / 1.0
Attribute	`name`	1.0 / 1.0
Constructor	`VirtualRoom(String)`	2.0 / 2.0
Method	`getNumberOfBreakoutRooms()`	1.0 / 1.0

Constructor **`VirtualRoom(String, int)`** 1.5 / 2.0

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

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

Check `VirtualRoom(String, int)` constructor creates instances with args `("VirtualRoom", 10)` +0.5 ✓

Check `name` attribute equals `"VirtualRoom"` +0.5 ✓

Check `breakoutRoomLimit` attribute equals `10` +0.5 ✓

Check `breakoutRooms` attribute equals `an array with size 10` ✗

Method **`listBreakoutRooms()`** 0.0 / 2.0

Is not testable because testing relies on the createBreakoutRooms 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 `VirtualRoom(String)` constructor exists and is accessible ✓

Check `createBreakoutRooms()` method exists and is accessible ✗

Method **`findBreakoutRoom(int)`** 0.0 / 2.0

Is not testable because testing relies on the createBreakoutRooms 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 `VirtualRoom(String)` constructor exists and is accessible ✓

Check `createBreakoutRooms()` method exists and is accessible ✗

Method **`createBreakoutRooms()`** 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 `VirtualRoom(String)` constructor exists and is accessible ✓

Check `breakoutRooms` attribute exists ✓

Check `public void createBreakoutRooms()` method exists and defined properly ✗

Method **`openBreakoutRoom(int)`** 0.0 / 2.0

Is not testable because testing relies on the createBreakoutRooms 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 `VirtualRoom(String)` constructor exists and is accessible ✓

Check `createBreakoutRooms()` method exists and is accessible ✗

Method **`closeBreakoutRoom(int)`** 0.0 / 2.0

Is not testable because testing relies on the createBreakoutRooms 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 `VirtualRoom(String)` constructor exists and is accessible ✓

Check `createBreakoutRooms()` method exists and is accessible ✗

Method **`findParticipantBreakoutRoom(String)`** 0.0 / 2.0

Is not testable because testing relies on the createBreakoutRooms 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 `VirtualRoom(String)` constructor exists and is accessible ✓

Check `createBreakoutRooms()` method exists and is accessible ✗

Method **`listParticipantsInBreakoutRoom(int)`** 0.0 / 2.0

Is not testable because testing relies on the createBreakoutRooms 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 `VirtualRoom(String)` constructor exists and is accessible ✓

Check `createBreakoutRooms()` method exists and is accessible ✗

Method **`addParticipantToBreakoutRoom(String, int)`** 0.0 / 2.0

Is not testable because testing relies on the createBreakoutRooms 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 `VirtualRoom(String)` constructor exists and is accessible ✓

Check `createBreakoutRooms()` method exists and is accessible ✗

BreakoutRoom Class

Passed 13/16; Partially passed 1/16; Failed 2/16.

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
Constructor	**`BreakoutRoom(String)`**	3.0 / 3.0
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	**`getNumberOfParticipants()`**	1.0 / 1.0
Method	**`findParticipant(String)`**	0.0 / 2.0

Does not work as anticipated: produced java.lang.NullPointerException: Cannot invoke "out.Selena_Ali_657815_assignsubmission_file_.Participant.getParticipantID()" because "this.participants[i]" is null. 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 **`listParticipants()`** 0.0 / 2.0

Does not work as anticipated: produced java.lang.NullPointerException: Cannot invoke "out.Selena_Ali_657815_assignsubmission_file_.Participant.getParticipantID()" because "this.participants[i]" is null. 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 `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` ✗

Method **`toString()`** 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 `breakoutRoomID` attribute exists ✓

Check `numberOfParticipants` attribute exists ✓

Check `public String toString()` method exists and defined properly	✓
Check `BreakoutRoom(String)` constructor creates instances with args `("Room1")`	✓
Check `openBreakoutRoom()` method runs	✓
Check `toString()` method returns string containing attribute `breakoutRoomID` +0.5	✓
Check `toString()` method returns string containing attribute `numberOfParticipants` +0.5	✓
Check `toString()` method returns string containing attribute `breakoutRoomID` in format `breakoutRoomID OPEN`	✗

Participant Class

Passed 4/5; Partially passed 1/5.

Attribute	**`participantID`**	1.0 / 1.0
Method	**`toString()`**	2.0 / 2.0
Method	**`verifyID(String)`**	2.0 / 2.0
Method	**`getParticipantID()`**	1.0 / 1.0
Constructor	**`Participant(String)`**	1.0 / 2.0

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")`	✗