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

Jonathan Ramlal (814004245)

14.53%

F3

Criteria	Mark
VirtualMeetingSystem	0.0
VirtualRoom	2.0
BreakoutRoom	6.0
Participant	4.5
Total (out of 86.0)	**12.5**

VirtualMeetingSystem Class

Failed 1/1.

VirtualMeetingSystem	0.0 / 32.0

Class not found. Could not find the VirtualMeetingSystem class or your submission did not compile properly.

VirtualRoom Class

Partially passed 2/14; Failed 12/14.

Attribute	breakoutRooms	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 `private BreakoutRoom[] breakoutRooms` attribute exists and defined properly   ✗

Attribute	breakoutRoomLimit	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 `private final int breakoutRoomLimit` attribute exists and defined properly   ✗

Attribute	name	0.0 / 1.0

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

Check `private String name` attribute exists and defined properly   ✗

Constructor	VirtualRoom(String, int)	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, 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` ✗

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	`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 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 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	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   ✗

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 3/16; Partially passed 1/16; Failed 12/16.

Constructor	BreakoutRoom(String)	3.0 / 3.0

Method	openBreakoutRoom()	1.0 / 1.0

Method	closeBreakoutRoom()	1.0 / 1.0

Attribute	breakoutRoomID	0.0 / 1.0

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

Check `private String breakoutRoomID` attribute exists and defined properly   ✗

Attribute	breakoutRoomSize	0.0 / 1.0

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

Check `private final int breakoutRoomSize` attribute exists and defined properly   ✗

Attribute	participants	0.0 / 1.0

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

Check `private Participant[] participants` attribute exists and defined properly   ✗

Attribute	numberOfParticipants	0.0 / 1.0

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

Check `private int numberOfParticipants` attribute exists and defined properly   ✗

Attribute	open	0.0 / 1.0

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

Check `private boolean open` attribute exists and defined properly   ✗

Attribute	breakoutRoomNumberCounter	0.0 / 1.0

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

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

Method	findParticipant(String)	0.0 / 2.0

Cannot be further tested because testing relies on the addParticipant method that does not work as anticipated: produced java.lang.NullPointerException: Cannot invoke "out.Jonathan_Ramlal_657739_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"`)   ✗

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	addParticipant(String)	0.0 / 2.0

Does not work as anticipated: produced java.lang.NullPointerException: Cannot invoke "out.Jonathan_Ramlal_657739_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 `openBreakoutRoom()` method exists and is accessible ✓

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

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

Check `openBreakoutRoom()` method runs ✓

Check `addParticipant(String)` method returns `true` with args (`"10000000"`) ✗

Method	listParticipants()	0.0 / 2.0

Cannot be further tested because testing relies on the addParticipant method that does not work as anticipated: produced java.lang.NullPointerException: Cannot invoke "out.Jonathan_Ramlal_657739_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")` ✗

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	`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 2/5; Partially passed 1/5; Failed 2/5.

Constructor	`Participant(String)`	2.0 / 2.0

Method	`getParticipantID()`	1.0 / 1.0

Attribute	`participantID`	0.0 / 1.0

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

Check `private String participantID` attribute exists and defined properly ✗

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

Method	`toString()`	1.5 / 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 `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")` ✓

Check `toString()` method returns string containing attribute `participantID` +1.5 ✓

Check `toString()` method returns string containing attribute `participantID` in format `Participant: participantID` ✗