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

Andrei Guevara (816022711)
37.79%
F3

Criteria	Mark
VirtualMeetingSystem	17.0
VirtualRoom	3.0
BreakoutRoom	5.0
Participant	2.5
Bonuses	+5.0
Total (out of 86.0)	**32.5**

Grade Changes

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

Bonuses	
Merit Bonus: Early submission	+5.0

VirtualMeetingSystem Class

Passed 8/10; Failed 2/10.

Method	`createVirtualRoom(String)`	2.0 / 2.0

Method	`addParticipant(String, int)`	2.0 / 2.0

Method	`listParticipants(int)`	3.0 / 3.0

Method	`openBreakoutRoom(int)`	2.0 / 2.0

Method	`closeBreakoutRoom(int)`	2.0 / 2.0

Method	`listAllBreakoutRooms()`	2.0 / 2.0

Method	`findParticipantBreakoutRoom(String)`	2.0 / 2.0

Method	`listParticipantsInAllBreakoutRooms()`	2.0 / 2.0

Method	`loadParticipantData(String)`	0.0 / 5.0

Does not alter the ids 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 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 | ✓ |
| Check `ids` attribute equals an array with size 50 | ✗ |

| Method | **`allocateParticipants(String)`** | 0.0 / 10.0 |

Does not work as anticipated: produced java.lang.NullPointerException: Cannot invoke "String.length()" because "number" is null. 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 `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	✓
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 `allocateParticipants(String)` method runs with args ("RR")	✗

VirtualRoom Class

Passed 3/14; Failed 11/14.

Attribute	**`breakoutRooms`**	1.0 / 1.0
Attribute	**`breakoutRoomLimit`**	1.0 / 1.0
Attribute	**`name`**	1.0 / 1.0
Constructor	**`VirtualRoom(String, int)`**	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, int)` constructor exists and defined properly | ✗ |

Constructor	VirtualRoom(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 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.Andrei_Guevara_657703_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.Andrei_Guevara_657703_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.Andrei_Guevara_657703_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 `breakoutRooms` attribute exists ✓

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

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

Method	openBreakoutRoom(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.Andrei_Guevara_657703_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 `closeBreakoutRoom(int)` method exists and is accessible ✓

Check `breakoutRooms` attribute exists ✓

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

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

Method	closeBreakoutRoom(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.Andrei_Guevara_657703_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 `breakoutRooms` attribute exists ✓

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

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

Method	findParticipantBreakoutRoom(String)	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.Andrei_Guevara_657703_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 `listParticipantsInBreakoutRoom(int)` method exists and is accessible ✓

Check `addParticipantToBreakoutRoom(String, int)` method exists and is accessible ✓

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

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

Method	getNumberOfBreakoutRooms()	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.Andrei_Guevara_657703_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 `breakoutRoomLimit` attribute exists ✓

Check `public int getNumberOfBreakoutRooms()` method exists and defined properly ✓

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

Method	listParticipantsInBreakoutRoom(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.Andrei_Guevara_657703_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 `addParticipantToBreakoutRoom(String, int)` method exists and is accessible	✓
Check `public String listParticipantsInBreakoutRoom(int)` method exists and defined properly	✓
Check `VirtualRoom(String)` constructor creates instances with args `("VirtualRoom")`	✗

Method	**addParticipantToBreakoutRoom(String, 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.Andrei_Guevara_657703_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 `listParticipantsInBreakoutRoom(int)` method exists and is accessible	✓
Check `public boolean addParticipantToBreakoutRoom(String, int)` method exists and defined properly	✓
Check `VirtualRoom(String)` constructor creates instances with args `("VirtualRoom")`	✗

BreakoutRoom Class

Passed 5/16; Failed 11/16.

Attribute	**breakoutRoomID**	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

Attribute	breakoutRoomSize	0.0 / 1.0

Is not an instance attribute. We expect your attribute to be defined without the static keyword indicating that it is an instance attribute, but yours isn't.

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

Constructor	BreakoutRoom(String)	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 `public BreakoutRoom(String)` constructor exists and defined properly ✗

Method	findParticipant(String)	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.Andrei_Guevara_657703_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 `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"`) ✗

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.Andrei_Guevara_657703_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 `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")` ✗

Method	getBreakoutRoomID()	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.Andrei_Guevara_657703_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 `BreakoutRoom(String)` constructor exists and is accessible ✓

Check `breakoutRoomID` attribute exists ✓

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

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

Method	getOpen()	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.Andrei_Guevara_657703_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 `BreakoutRoom(String)` constructor exists and is accessible ✓

Check `open` attribute exists ✓

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

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

Method	addParticipant(String)	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.Andrei_Guevara_657703_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 `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")` ✗

Method	`listParticipants()`	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.Andrei_Guevara_657703_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 `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")` ✗

Method	`openBreakoutRoom()`	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.Andrei_Guevara_657703_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 `BreakoutRoom(String)` constructor exists and is accessible ✓

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

Check `open` attribute exists ✓

Check `public void openBreakoutRoom()` method exists and defined properly ✓

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

Method	`closeBreakoutRoom()`	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.Andrei_Guevara_657703_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 `BreakoutRoom(String)` constructor exists and is accessible ✓

Check `open` attribute exists ✓

Check `numberOfParticipants` attribute exists ✓

Check `public void closeBreakoutRoom()` method exists and defined properly ✓

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

Method	`getNumberOfParticipants()`	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.Andrei_Guevara_657703_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 `BreakoutRoom(String)` constructor exists and is accessible ✓

Check `numberOfParticipants` attribute exists ✓

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

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

Participant Class

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

Attribute	`participantID`	1.0 / 1.0

Constructor	`Participant(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 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.Andrei_Guevara_657703_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.Andrei_Guevara_657703_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")`	✗

Method	`verifyID(String)`	1.5 / 2.0

Does not work as anticipated for invalid inputs. We expect your method to work in a particular way (and possibly return an anticipated value) when given bad inputs, but yours doesn't.

Check `public static boolean verifyID(String)` method exists and defined properly	✓
Check `verifyID(String)` method returns `true` with args `("12345678")` +1.5	✓
Check `verifyID(String)` method returns `false` with args `("1234")`	✗