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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22.67%
F3

Criteria	Mark
VirtualMeetingSystem	2.0
VirtualRoom	13.0
BreakoutRoom	0.0
Participant	4.5
Total (out of 86.0)	**19.5**

VirtualMeetingSystem Class

Passed 1/10; Failed 9/10.

Method	`createVirtualRoom(String)`	2.0 / 2.0

Method	`loadParticipantData(String)`	0.0 / 5.0

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 `public void loadParticipantData(String)` method exists and defined properly ✗

Method	`allocateParticipants(String)`	0.0 / 10.0

Is not testable because testing relies on the loadParticipantData 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 ✗

Method	`addParticipant(String, int)`	0.0 / 2.0

Is not testable because testing relies on the loadParticipantData 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 ✗

Method	`listParticipants(int)`	0.0 / 3.0

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 `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 ✗

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

Does not work as anticipated: produced java.lang.NullPointerException: Cannot read the array length because "this.breakoutRooms" 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 `createVirtualRoom(String)` method exists and is accessible ✓

Check `public boolean openBreakoutRoom(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)` ✗

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

Does not work as anticipated: produced java.lang.NullPointerException: Cannot read the array length because "this.breakoutRooms" 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 `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 **`listAllBreakoutRooms()`** 0.0 / 2.0

Does not work as anticipated: produced java.lang.NullPointerException: Cannot load from object array because "this.breakoutRooms" 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 `createVirtualRoom(String)` method exists and is accessible ✓

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

Check `VirtualMeetingSystem()` constructor creates instances ✓

Check `createVirtualRoom(String)` method runs with args `("VirtualRoom")` ✓

Check `listAllBreakoutRooms()` method returns `a string containing "VirtualRoom"` ✗

Method **`findParticipantBreakoutRoom(String)`** 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 `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 ✗

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

Cannot be further tested because testing relies on the openBreakoutRoom method that does not work as anticipated: produced java.lang.NullPointerException: Cannot read the array length because "this.breakoutRooms" 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 `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)` ✗

VirtualRoom Class

Passed 5/14; Partially passed 2/14; Failed 7/14.

Method	**`listBreakoutRooms()`**	2.0 / 2.0
Method	**`findBreakoutRoom(int)`**	2.0 / 2.0
Method	**`createBreakoutRooms()`**	2.0 / 2.0
Method	**`listParticipantsInBreakoutRoom(int)`**	2.0 / 2.0
Method	**`addParticipantToBreakoutRoom(String, int)`**	2.0 / 2.0

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

Attribute	**`breakoutRoomLimit`**	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 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)`**	1.5 / 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` ✗

Constructor **`VirtualRoom(String)`** 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)` 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` +0.5 ✓

Check `breakoutRooms` attribute equals `an array with size 5` ✗

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

Cannot be further tested because testing relies on another method that Does not alter the breakoutRooms 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 `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")` ✓

Check `createBreakoutRooms()` method runs ✓

Check `closeBreakoutRoom(int)` method runs with args `(1)` ✓

Check `openBreakoutRoom(int)` method runs with args `(1)` ✓

Check `breakoutRooms` attribute equals `an array containing hasProperty("open", true)` ✗

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

Cannot be further tested because testing relies on another method that Does not alter the breakoutRooms 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 `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")` ✓

Check `createBreakoutRooms()` method runs ✓

Check `closeBreakoutRoom(int)` method runs with args `(1)` ✓

Check `breakoutRooms` attribute equals `an array containing hasProperty("open", false)` ✗

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

Does not work as anticipated: produced java.lang.NullPointerException: Cannot invoke "out.Kwame_Trancoso_657796_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 `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")` ✓

Check `createBreakoutRooms()` method runs ✓

Check `openBreakoutRoom(int)` method runs with args `(1)` ✓

Check `addParticipantToBreakoutRoom(String, int)` method runs with args `("12345678", 1)` ✓

Check `findParticipantBreakoutRoom(String)` method returns `not null` with args `("12345678")` ✗

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

Check `breakoutRoomLimit` attribute exists ✓

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

BreakoutRoom Class

Failed 16/16.

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 ✗

Constructor	**BreakoutRoom(String)**	0.0 / 3.0

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

Method	**findParticipant(String)**	0.0 / 2.0

Is not testable because testing relies on a constructor 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 `BreakoutRoom(String)` constructor exists and is accessible ✗

Method	**toString()**	0.0 / 2.0

Is not testable because testing relies on a constructor 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 `BreakoutRoom(String)` constructor exists and is accessible ✗

Method **`getBreakoutRoomID()`** 0.0 / 1.0

Is not testable because testing relies on a constructor 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 `BreakoutRoom(String)` constructor exists and is accessible ✗

Method **`getOpen()`** 0.0 / 1.0

Is not testable because testing relies on a constructor 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 `BreakoutRoom(String)` constructor exists and is accessible ✗

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

Is not testable because testing relies on a constructor 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 `BreakoutRoom(String)` constructor exists and is accessible ✗

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

Is not testable because testing relies on a constructor 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 `BreakoutRoom(String)` constructor exists and is accessible ✗

Method **`openBreakoutRoom()`** 0.0 / 1.0

Is not testable because testing relies on a constructor 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 `BreakoutRoom(String)` constructor exists and is accessible ✗

Method **`closeBreakoutRoom()`** 0.0 / 1.0

Is not testable because testing relies on a constructor 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 `BreakoutRoom(String)` constructor exists and is accessible ✗

Method	**getNumberOfParticipants()**	0.0 / 1.0

Is not testable because testing relies on a constructor 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 `BreakoutRoom(String)` constructor exists and is accessible ✗

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

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 ✗

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`	✗