**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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32.79%
**F3**

| Criteria | Mark |
|---|---|
| VirtualMeetingSystem | 8.0 |
| VirtualRoom | 21.0 |
| BreakoutRoom | 19.0 |
| Participant | 8.0 |
| Deductions | -27.8 |
| **Total (out of 86.0)** | **28.2** |

## Grade Changes

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

| Deductions | |
|---|---|
| Logic Error: Erroneously prompted user for input | -2 |
| Plagiarism Detected: "Cheater - First Infraction" from cluster with another person (-30%) | -25.8 |

## VirtualMeetingSystem Class

Passed 4/10; Failed 6/10.

| Method | `openBreakoutRoom(int)` | 2.0 / 2.0 |
|---|---|---|

| Method | `closeBreakoutRoom(int)` | 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 work as anticipated: produced java.io.FileNotFoundException: src/a1/test/resources/participant.dat (No such file or directory). 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 `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")` ✗

| Method | `createVirtualRoom(String)` | 0.0 / 2.0 |
|---|---|---|

Takes too long to execute. We expect your method to run within a reasonable amount of time, but yours didn't; it may contain infinite loops or other functionality that makes it take an unreasonable time to run.

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")` ✗

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

Cannot be further tested because testing relies on the loadParticipantData method that does not work as anticipated: produced java.io.FileNotFoundException: src/a1/test/resources/participant.dat (No such file or directory). 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")` ✗

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

Cannot be further tested because testing relies on the loadParticipantData method that does not work as anticipated: produced java.io.FileNotFoundException: src/a1/test/resources/participant.dat (No such file or directory). 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 `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")` ✗

Method **`listParticipants(int)`** 0.0 / 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)` ✗

Method **`listAllBreakoutRooms()`** 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 `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"` ✗

## VirtualRoom Class

Passed 12/14; Partially passed 1/14; Failed 1/14.

| | | |
|---|---|---|
| Attribute | **`breakoutRooms`** | 1.0 / 1.0 |
| Attribute | **`breakoutRoomLimit`** | 1.0 / 1.0 |
| Attribute | **`name`** | 1.0 / 1.0 |
| Constructor | **`VirtualRoom(String, int)`** | 2.0 / 2.0 |
| Constructor | **`VirtualRoom(String)`** | 2.0 / 2.0 |
| Method | **`listBreakoutRooms()`** | 2.0 / 2.0 |
| Method | **`findBreakoutRoom(int)`** | 2.0 / 2.0 |
| Method | **`createBreakoutRooms()`** | 2.0 / 2.0 |
| Method | **`openBreakoutRoom(int)`** | 2.0 / 2.0 |
| Method | **`closeBreakoutRoom(int)`** | 2.0 / 2.0 |
| Method | **`findParticipantBreakoutRoom(String)`** | 2.0 / 2.0 |
| Method | **`getNumberOfBreakoutRooms()`** | 1.0 / 1.0 |
| Method | **`addParticipantToBreakoutRoom(String, int)`** | 0.0 / 2.0 |

Cannot be further tested because testing relies on the createBreakoutRooms method that takes too long to execute. We expect your method to run within a reasonable amount of time, but yours didn't; it may contain infinite loops or other functionality that makes it take an unreasonable time to run.

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")` ✓

Check `createBreakoutRooms()` method runs ✗

| Method | **`listParticipantsInBreakoutRoom(int)`** | 1.0 / 2.0 |
|---|---|---|

Returns incorrect values. We expect your method to return a particular value, but instead yours returns another incorrect one.

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")` ✓

Check `createBreakoutRooms()` method runs ✓

Check `listParticipantsInBreakoutRoom(int)` method returns `not null` with args `(1)` +1.0 ✓

Check `listParticipantsInBreakoutRoom(int)` method returns string containing attribute `name` with args `(1)` ✗

## BreakoutRoom Class

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

| 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 | **findParticipant(String)** | 2.0 / 2.0 |
| 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()** | 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` ✗

| 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 5/5.

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

| Method | `getParticipantID()` | 1.0 / 1.0 |
| --- | --- | --- |