



**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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30.23%

**F3**

Criteria	Mark
VirtualMeetingSystem	14.0
VirtualRoom	2.0
BreakoutRoom	0.0
Participant	5.0
Bonuses	+5.0
<b>Total (out of 86.0)</b>	<b>26.0</b>

## Grade Changes

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

Bonuses	
Question Bonus: allocateParticipants(String)	+5.0

### VirtualMeetingSystem Class

Passed 3/10; Failed 7/10.

Method	<code>createVirtualRoom(String)</code>	2.0 / 2.0
Method	<code>allocateParticipants(String)</code>	10.0 / 10.0
Method	<code>listAllBreakoutRooms()</code>	2.0 / 2.0
Method	<code>loadParticipantData(String)</code>	0.0 / 5.0
Does not alter the data 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 <code>VirtualMeetingSystem()</code> constructor exists and is accessible		✓
Check <code>public void loadParticipantData(String)</code> method exists and defined properly		✓
Check <code>VirtualMeetingSystem()</code> constructor creates instances		✓
Check <code>loadParticipantData(String)</code> method runs with args ( <code>"src/al/test/resources/participant.dat"</code> )		✓
Check first attribute with type <code>String[]</code> equals an array with size 50		✓
Check <code>data</code> attribute equals an array with size 50		✗
Method	<code>addParticipant(String, int)</code>	0.0 / 2.0
Cannot be further tested because testing relies on the <code>openBreakoutRoom</code> method that does not work as anticipated: produced <code>java.lang.StackOverflowError</code> . We expect your method to run without problems, but instead yours contains bad code that creates problems.		

Check <code>VirtualMeetingSystem()</code> constructor exists and is accessible	✓
Check <code>loadParticipantData(String)</code> method exists and is accessible	✓
Check <code>createVirtualRoom(String)</code> method exists and is accessible	✓
Check <code>openBreakoutRoom(int)</code> method exists and is accessible	✓
Check <code>public boolean addParticipant(String, int)</code> method exists and defined properly	✓
Check <code>VirtualMeetingSystem()</code> constructor creates instances	✓
Check <code>loadParticipantData(String)</code> method runs with args ( <code>"src/al/test/resources/participant.dat"</code> )	✓
Check <code>createVirtualRoom(String)</code> method runs with args ( <code>"VirtualRoom"</code> )	✓
Check <code>openBreakoutRoom(int)</code> method runs with args ( <code>1</code> )	✗

Method	<code>listParticipants(int)</code>	0.0 / 3.0
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Cannot be further tested because testing relies on the `openBreakoutRoom` method that does not work as anticipated: produced `java.lang.StackOverflowError`. We expect your method to run without problems, but instead yours contains bad code that creates problems.

Check <code>VirtualMeetingSystem()</code> constructor exists and is accessible	✓
Check <code>createVirtualRoom(String)</code> method exists and is accessible	✓
Check <code>openBreakoutRoom(int)</code> method exists and is accessible	✓
Check <code>addParticipant(String, int)</code> method exists and is accessible	✓
Check <code>public String listParticipants(int)</code> method exists and defined properly	✓
Check <code>VirtualMeetingSystem()</code> constructor creates instances	✓
Check <code>createVirtualRoom(String)</code> method runs with args ( <code>"VirtualRoom"</code> )	✓
Check <code>openBreakoutRoom(int)</code> method runs with args ( <code>1</code> )	✗

Method	<code>openBreakoutRoom(int)</code>	0.0 / 2.0
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Does not work as anticipated: produced `java.lang.StackOverflowError`. We expect your method to run without problems, but instead yours contains bad code that creates problems.

Check <code>VirtualMeetingSystem()</code> constructor exists and is accessible	✓
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Check <code>createVirtualRoom(String)</code> method exists and is accessible	✓
Check <code>public boolean openBreakoutRoom(int)</code> method exists and defined properly	✓
Check <code>VirtualMeetingSystem()</code> constructor creates instances	✓
Check <code>createVirtualRoom(String)</code> method runs with args ( "VirtualRoom" )	✓
Check <code>openBreakoutRoom(int)</code> method runs with args ( 1 )	✗

Method	<code>closeBreakoutRoom(int)</code>	0.0 / 2.0
Does not work as anticipated: produced <code>java.lang.StackOverflowError</code> . We expect your method to run without problems, but instead yours contains bad code that creates problems.		
Check <code>VirtualMeetingSystem()</code> constructor exists and is accessible	✓	
Check <code>createVirtualRoom(String)</code> method exists and is accessible	✓	
Check <code>public boolean closeBreakoutRoom(int)</code> method exists and defined properly	✓	
Check <code>VirtualMeetingSystem()</code> constructor creates instances	✓	
Check <code>createVirtualRoom(String)</code> method runs with args ( "VirtualRoom" )	✓	
Check <code>closeBreakoutRoom(int)</code> method runs with args ( 1 )	✗	

Method	<code>findParticipantBreakoutRoom(String)</code>	0.0 / 2.0
Cannot be further tested because testing relies on the <code>openBreakoutRoom</code> method that does not work as anticipated: produced <code>java.lang.StackOverflowError</code> . We expect your method to run without problems, but instead yours contains bad code that creates problems.		
Check <code>VirtualMeetingSystem()</code> constructor exists and is accessible	✓	
Check <code>createVirtualRoom(String)</code> method exists and is accessible	✓	
Check <code>openBreakoutRoom(int)</code> method exists and is accessible	✓	
Check <code>addParticipant(String, int)</code> method exists and is accessible	✓	
Check <code>public String findParticipantBreakoutRoom(String)</code> method exists and defined properly	✓	
Check <code>VirtualMeetingSystem()</code> constructor creates instances	✓	
Check <code>createVirtualRoom(String)</code> method runs with args ( "VirtualRoom" )	✓	

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

✗

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.StackOverflowError`. 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 2/14; Failed 12/14.

Attribute

`breakoutRooms`

1.0 / 1.0

Attribute

`name`

1.0 / 1.0

Attribute

`breakoutRoomLimit`

0.0 / 1.0

Does not have final modifier. We expect your attribute or method to have the final keyword indicating that it is a constant attribute or an un-overridable method, but yours doesn't.

Check `private final int breakoutRoomLimit` attribute exists and defined properly

✗

Constructor

`VirtualRoom(String, int)`

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 `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.Daniel_Yorke_657808_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.Daniel_Yorke_657808_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	<code>createBreakoutRooms()</code>	0.0 / 2.0
<p>Is not testable as the class's constructor does not have public access: produced  <code>java.lang.IllegalAccessException: class com.azeldaniel.automarker.marker.Constructor cannot access a member of class out.Daniel_Yorke_657808_assignsubmission_file_.VirtualRoom with modifiers ""</code>. We expect your attribute, method or constructor to have the public keyword indicating that it has public access, but yours doesn't.</p>		
Check <code>VirtualRoom(String)</code> constructor exists and is accessible		✓
Check <code>breakoutRooms</code> attribute exists		✓
Check <code>public void createBreakoutRooms()</code> method exists and defined properly		✓
Check <code>VirtualRoom(String)</code> constructor creates instances with args ( <code>"VirtualRoom"</code> )		✗

Method	<code>openBreakoutRoom(int)</code>	0.0 / 2.0
<p>Is not testable as the class's constructor does not have public access: produced  <code>java.lang.IllegalAccessException: class com.azeldaniel.automarker.marker.Constructor cannot access a member of class out.Daniel_Yorke_657808_assignsubmission_file_.VirtualRoom with modifiers ""</code>. We expect your attribute, method or constructor to have the public keyword indicating that it has public access, but yours doesn't.</p>		
Check <code>VirtualRoom(String)</code> constructor exists and is accessible		✓
Check <code>createBreakoutRooms()</code> method exists and is accessible		✓
Check <code>closeBreakoutRoom(int)</code> method exists and is accessible		✓
Check <code>breakoutRooms</code> attribute exists		✓
Check <code>public boolean openBreakoutRoom(int)</code> method exists and defined properly		✓
Check <code>VirtualRoom(String)</code> constructor creates instances with args ( <code>"VirtualRoom"</code> )		✗

Method	<code>closeBreakoutRoom(int)</code>	0.0 / 2.0
<p>Is not testable as the class's constructor does not have public access: produced  <code>java.lang.IllegalAccessException: class com.azeldaniel.automarker.marker.Constructor cannot access a member of class out.Daniel_Yorke_657808_assignsubmission_file_.VirtualRoom with modifiers ""</code>. We expect your attribute, method or constructor to have the public keyword indicating that it has public access, but yours doesn't.</p>		
Check <code>VirtualRoom(String)</code> constructor exists and is accessible		✓

Check <code>createBreakoutRooms()</code> method exists and is accessible	✓
Check <code>breakoutRooms</code> attribute exists	✓
Check <code>public boolean closeBreakoutRoom(int)</code> method exists and defined properly	✓
Check <code>VirtualRoom(String)</code> constructor creates instances with args ( <code>"VirtualRoom"</code> )	✗

Method	<code>findParticipantBreakoutRoom(String)</code>	0.0 / 2.0
Is not testable as the class's constructor does not have public access: produced <code>java.lang.IllegalAccessException: class com.azeldaniel.automarker.marker.Constructor cannot access a member of class out.Daniel_Yorke_657808_assignsubmission_file_.VirtualRoom with modifiers ""</code> . We expect your attribute, method or constructor to have the public keyword indicating that it has public access, but yours doesn't.		
Check <code>VirtualRoom(String)</code> constructor exists and is accessible		✓
Check <code>createBreakoutRooms()</code> method exists and is accessible		✓
Check <code>listParticipantsInBreakoutRoom(int)</code> method exists and is accessible		✓
Check <code>addParticipantToBreakoutRoom(String, int)</code> method exists and is accessible		✓
Check <code>public String findParticipantBreakoutRoom(String)</code> method exists and defined properly		✓
Check <code>VirtualRoom(String)</code> constructor creates instances with args ( <code>"VirtualRoom"</code> )		✗

Method	<code>getNumberOfBreakoutRooms()</code>	0.0 / 1.0
Is not testable as the class's constructor does not have public access: produced <code>java.lang.IllegalAccessException: class com.azeldaniel.automarker.marker.Constructor cannot access a member of class out.Daniel_Yorke_657808_assignsubmission_file_.VirtualRoom with modifiers ""</code> . We expect your attribute, method or constructor to have the public keyword indicating that it has public access, but yours doesn't.		
Check <code>VirtualRoom(String)</code> constructor exists and is accessible		✓
Check <code>breakoutRoomLimit</code> attribute exists		✓
Check <code>public int getNumberOfBreakoutRooms()</code> method exists and defined properly		✓
Check <code>VirtualRoom(String)</code> constructor creates instances with args ( <code>"VirtualRoom"</code> )		✗

Method	<code>listParticipantsInBreakoutRoom(int)</code>	0.0 / 2.0
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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.Daniel\_Yorke\_657808\_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
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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.Daniel\_Yorke\_657808\_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

Failed 16/16.

Attribute	breakoutRoomID	0.0 / 1.0
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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

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.Daniel_Yorke_657808_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.Daniel_Yorke_657808_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 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
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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
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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.Daniel\_Yorke\_657808\_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
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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.Daniel\_Yorke\_657808\_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 <code>openBreakoutRoom()</code> method exists and is accessible	✓
Check <code>breakoutRoomID</code> attribute exists	✓
Check <code>public String listParticipants()</code> method exists and defined properly	✓
Check <code>BreakoutRoom(String)</code> constructor creates instances with args ( "Room1" )	✗

Method	<code>openBreakoutRoom()</code>	0.0 / 1.0
<p>Is not testable as the class's constructor does not have public access: produced <code>java.lang.IllegalAccessException: class com.azeldaniel.automarker.marker.Constructor cannot access a member of class out.Daniel_Yorke_657808_assignsubmission_file_.BreakoutRoom with modifiers ""</code>. We expect your attribute, method or constructor to have the public keyword indicating that it has public access, but yours doesn't.</p>		
Check <code>BreakoutRoom(String)</code> constructor exists and is accessible	✓	
Check <code>closeBreakoutRoom()</code> method exists and is accessible	✓	
Check <code>open</code> attribute exists	✓	
Check <code>public void openBreakoutRoom()</code> method exists and defined properly	✓	
Check <code>BreakoutRoom(String)</code> constructor creates instances with args ( "Room1" )	✗	

Method	<code>closeBreakoutRoom()</code>	0.0 / 1.0
<p>Is not testable as the class's constructor does not have public access: produced <code>java.lang.IllegalAccessException: class com.azeldaniel.automarker.marker.Constructor cannot access a member of class out.Daniel_Yorke_657808_assignsubmission_file_.BreakoutRoom with modifiers ""</code>. We expect your attribute, method or constructor to have the public keyword indicating that it has public access, but yours doesn't.</p>		
Check <code>BreakoutRoom(String)</code> constructor exists and is accessible	✓	
Check <code>open</code> attribute exists	✓	
Check <code>numberOfParticipants</code> attribute exists	✓	
Check <code>public void closeBreakoutRoom()</code> method exists and defined properly	✓	
Check <code>BreakoutRoom(String)</code> constructor creates instances with args ( "Room1" )	✗	

Method	<code>getNumberOfParticipants()</code>	0.0 / 1.0
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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 ✗

## Participant Class

Passed 3/5; Failed 2/5.

Constructor	<code>Participant(String)</code>	2.0 / 2.0
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Method	<code>toString()</code>	2.0 / 2.0
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Method	<code>getParticipantID()</code>	1.0 / 1.0
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Attribute	<code>participantID</code>	0.0 / 1.0
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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	<code>verifyID(String)</code>	0.0 / 2.0
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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 ✗