Introduction:
The purpose of the lesson plan for this week will be to enhance the student's understanding about recursion. Although recursion was revised last week, it is a topic that should be completely understood and mastered by all students. This session will contain both a tracing and coding part, which are essential for the learning of recursion.

Sequence:
1.- We will ask the students how they are doing in the class to see if they have any questions or concerns and take that into account when having the meeting with the professors. The reason of doing this is to get the students' attention; by focusing on them for the first few minutes, they will be more attracted to the session.

Time: 5 minutes.

2.- We will form teams of 3 or 4. The criteria of how this will be done is up to the Peer Leader.

Time: 3 minutes.

3.- Tracing Competition: We will have a competition between teams. A recursive method will be given to each team and they will have 10 minutes to figure out what it does. (we will emphasize that each member of the team should know and concord with the team's answer). After this has been done, we will split the board into 4 different sections (this also depends on the number of teams in the group). Each team will then have to complete each tracing cycle, one team member per cycle. A cycle will consist of a recursive block as seen in class. The team that gets all the recursion cycles correctly will be the winner. The purpose of having this contest is to promote participation and discussion between teams. Also, since this is a competition, students will naturally try a little harder to perform better.

The algorithm will be the following:

```java
public long mystery( long n )
{
    if ( n == 0 || n == 1 ) // base case
        return n;
    else
        return mystery( n - 1 ) + mystery( n - 2 );
}
```

Time: 20 minutes.
4. Coding Recursion: The students will be asked to code the following method with the given description:

* Write a recursive method that takes two integers as parameters, n and m. The method should raise n to the power of m and return an int with the result.

*Time:* 20 minutes.

At the end of the session, we will ask the students to write down in a piece of paper what they learned and things they could have done better to improve during the session, as well as some suggestions for future sessions.

*Time:* 2 minutes.

*Total Time:* 50 minutes.

Note: The lesson plan and time intervals may be altered by the Peer Leader as he/she sees fit, according to the rhythm and pace of the session.