N:B: Please read through the details carefully .

You have total **tasks** end of the document.

Please remember that what you have done not forget to document it. Because I have to make my instructor understand what I have done.

(Mention also where have u changed)

## Project Goal:

Develop a Java simulation for two-dimensional parties. This should train the software development skills in a team, which includes good organization, planning and implementation.

While all participants have to independently program their own avatar, which is equipped with individual behaviours, the team as a whole should create a club-like simulation environment. At the end, the avatars celebrate a party together in this club. Here, avatars either dance, try out new cocktails or indulge in party chats with other guests.

The development of avatars trains the integration of many modules into a larger system and at the same time enables an individual assessment
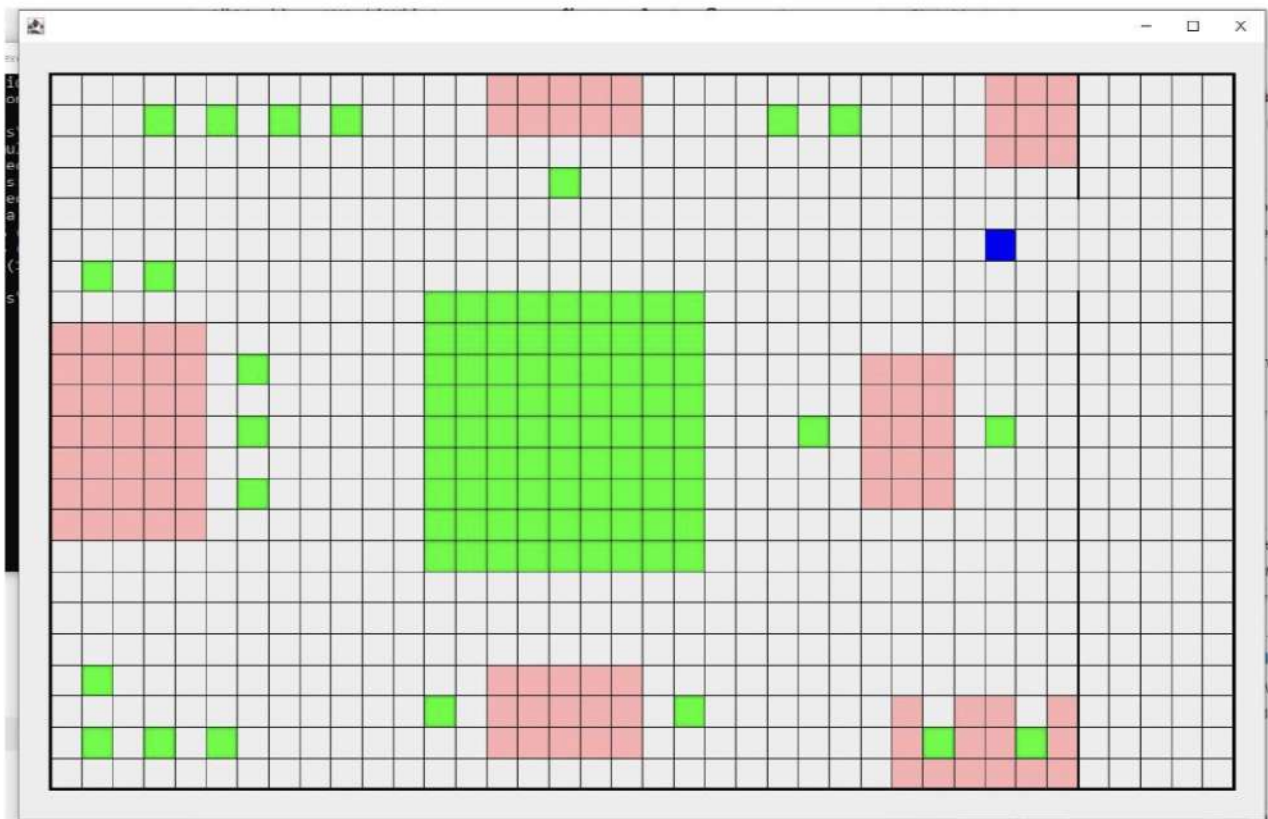
## First step:

The work is divided into three groups.

Avatar, Environment, Matrix. Here you will see a partypeople package. It is common group.

## Environment group:

The already made the playground where all avatar will do their activities. It can be run in myframe.java. The output of this group is

## Matrix Group:

They will simulate all the avatar who will join in the party . They are working with both environment and avatar group .

## Avatar group:

In this package, the main class is avatar by it self and there is also sub classes of it Bartender,Bouncer,Dj. In main.java class of this package it is the class where you will call method. There is also class from matrix package is named Emmanuel.java. It will simulate all the characters.

## What is your Task:

Your main task is with DJ class in avatar group. It is already prebuild. DJ will play music in the environment. It will play music continuously one by one. If any avatar from partygoer class will come to him and ask him to play another music he will change the music and if it is not available. He will reply "Sorry ! This song is not available.

In this class already two music as Latina.wav and spice.wav are installed. You will find .wav version in music folder.
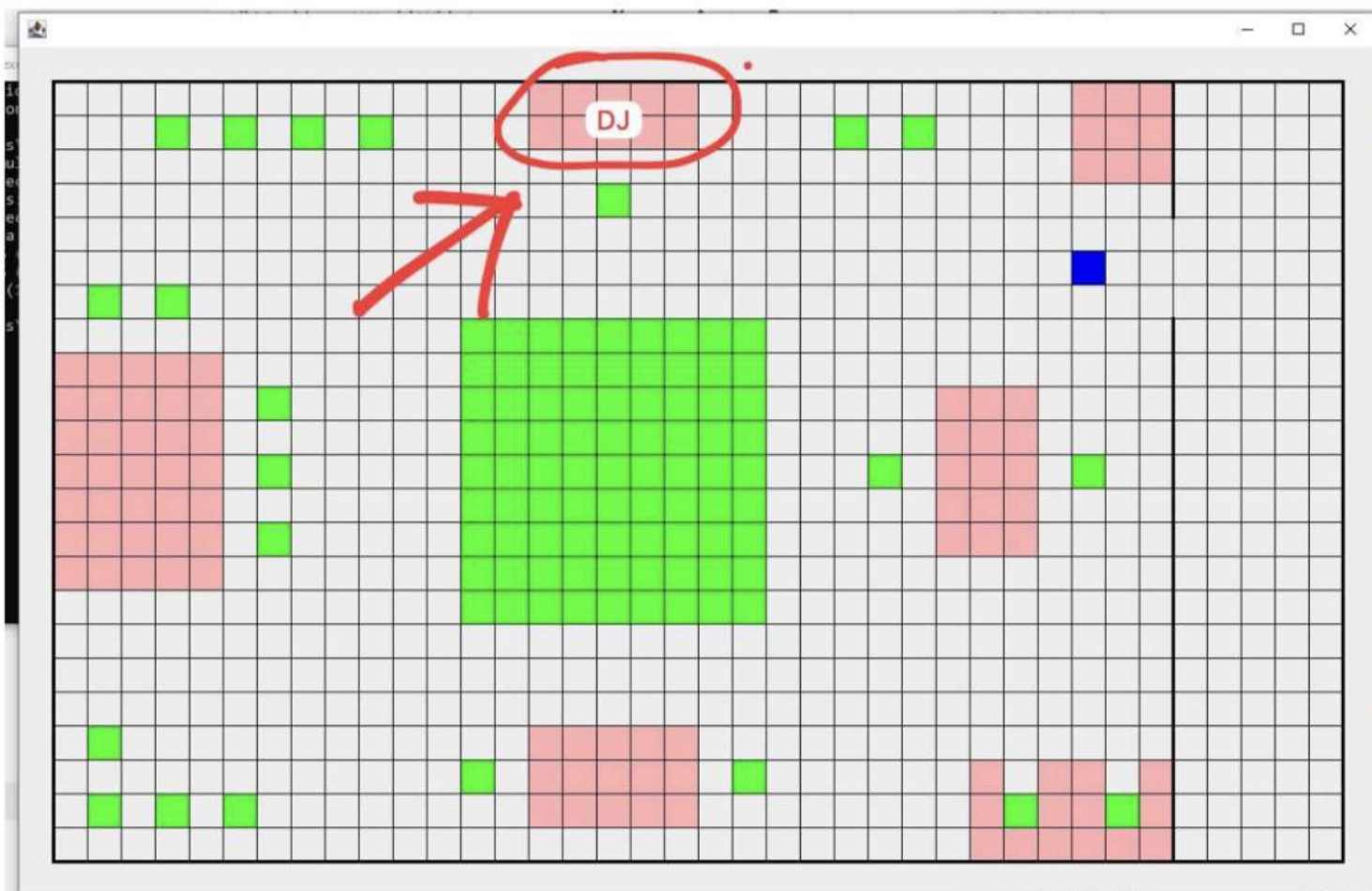
# Need to complete:

# Task 1:

You must run the code from Dj class by calling method in main.java class under avatar package.

You have to add more music in MUSIC folder and have to play through the DJ class. Minimum 20-25 party songs.

He will able to play music and change the music . And as mentioned above, if it can not found from list he will able to reply.

Dj should be in the mentioned place.