# READ-ME : LAB-1

**Pre-requisite : Make sure to install Node.js .**

**Step 1 : Unzip ‘Patel\_pnp7807.zip’**

**Step 2 :  Go inside  ‘‘Patel\_pnp7807’ Folder**

**Step 3 : npm install**

use this command to **install** the dependencies in the local node\_modules folder.

**Step 4 : npm install nodemon -g**

**Nodemon** will allow you to start your **node**.**js** project without manually shutting down and restarting your server.

**Step 5 : npm start**

"**start**" property is specified in package.json in my folder which looks like this:

start": "nodemon ./server/index.js"

This will start the server. You can also start the server using the command line.

If no **"start"** property is specified on the **"scripts"** object, it will run **node server.js**.

**Step 6 :  Install VS Code.**

**For reference:**

<https://code.visualstudio.com/download>

**Step 7:  Install Live Server extension in VS Code.**

**For reference:**

<https://marketplace.visualstudio.com/items?itemName=ritwickdey.LiveServer>

**Step 8 :  Go to index.html & click ‘Go live’ which will open new browser window.**

**Step 9 :  Enter Name to login.**

**How to use UI :**

http://localhost:6363

When you open it, you can see the display of dialogue box asking user to enter the name. If the client is already logged in then it will prevent the user to log in and ask client to enter the name again.

**After logging In :**

Clients can send private message by simply typing the message and send it to another client.

Clients can also broadcast the message to all the active clients by using the feature.

If Clients want to send the message to any particular client but not all of them you can do it by simply writing clients' name in the input box