* first install the following:
  + nodejs
  + expressjs
  + ejs
  + mysql
* create a folder called JS in same directory where you installed the above
* in JS folder create the following sub-folders:
  + views
  + styles
  + pics
* in folder 'views’ store all the ejs files
* in folder ‘styles’ store all the css files
* in folder ‘pics’ store the 2 images
* in folder JS store ‘formdata.js’ file

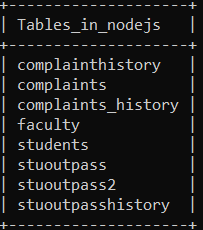
(or can just store all files in the folder ‘projectfiles’ from the zip file under ‘js’ folder.

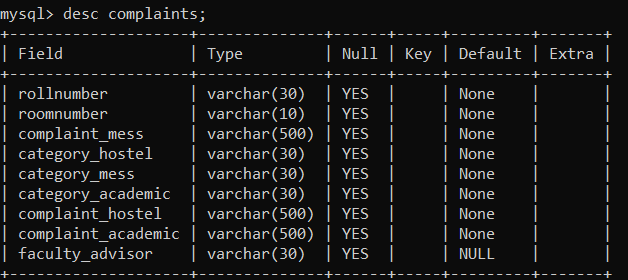
MYSQL REQUIRED INFORMATION:

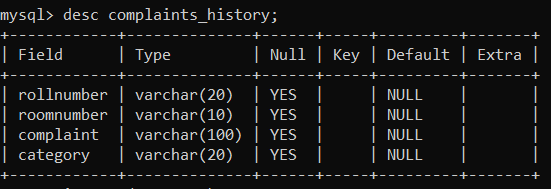
* create database called ‘nodejs’
* in ‘formdata.js’ change mysql password according to what you have set:
* var con=mysql.createConnection({
* host:"localhost",
* user:"root",
* password:"avisql@123",
* database:"nodejs",
* multipleStatements:"true"
* })

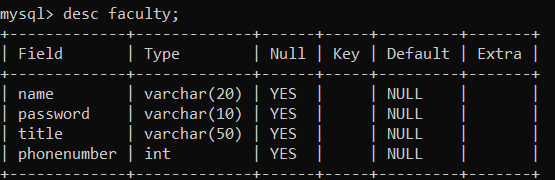
Important\*🡪Change at all locations where above snippet is present in code

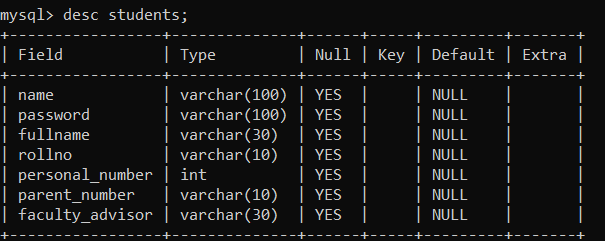
* create the following tables (except complainthistory and stuoutpass2) in ‘nodejs’ database in MYSQL.

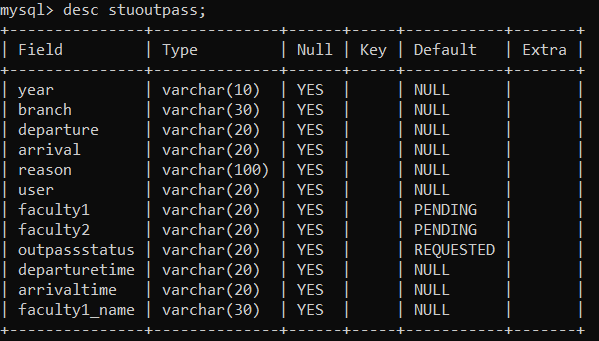


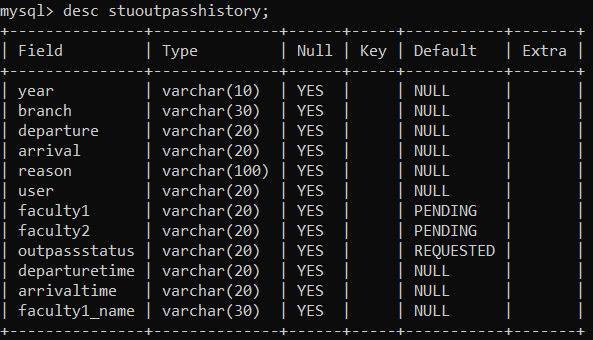




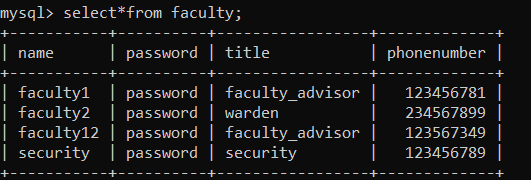


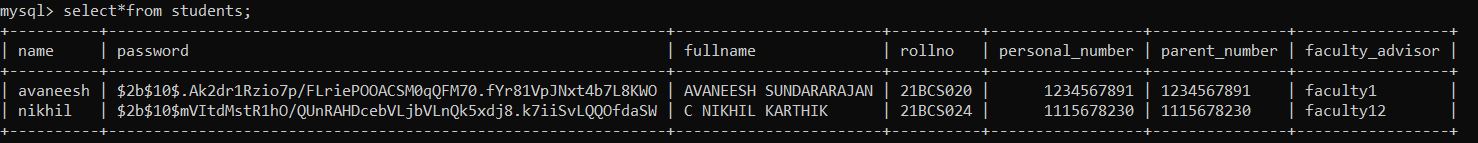




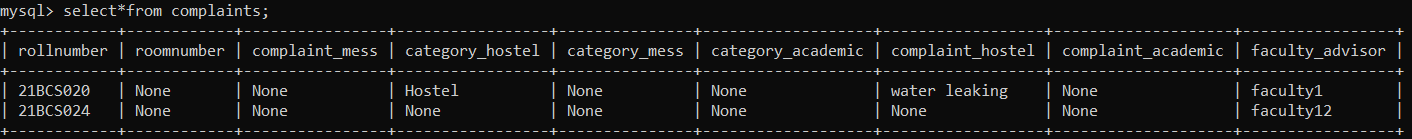


Tables faculty , student and complaints need default values as follows:

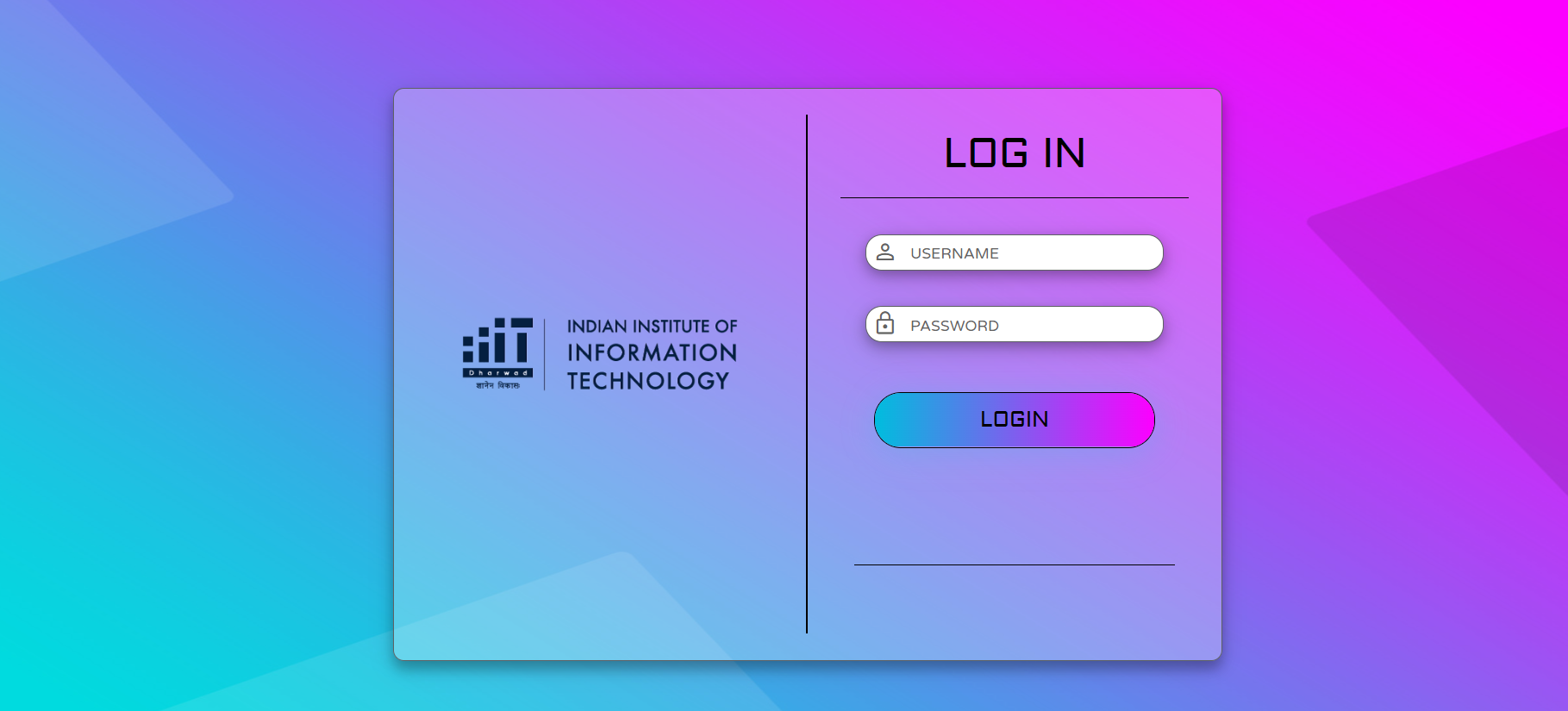




(store password as ‘password’ for all names initially instead of what is given above)



* once all the above processes are complete you are now ready to run the program
* open terminal under js folder directory and type in ‘node formdata’ and press enter
* you should see the following result:
  + 
  + Now you can open your webbrowser with link : <http://localhost:8080/start>
  + You should see the following page:



* You can now login using the information given in the student and faculty tables of the sql tables student and faculty respectively and view the working of the rest of the application.
* Once you login to generate outpass click on ‘outpass’ in the website header
  + Once you enter the outpass page ,give the required details and press submit
  + If you have logged in as ‘21BCS020’ then the outpass request will go to ‘faculty1’
  + You can logout and log back in as faculty1 ,again click on outpass to see all the outpass generated .
  + You have option for approve and disapprove
  + If approve ,then you logout and then login again as faculty2
  + Repeat similar process and if faculty2 approves then the outpass goes to security
  + To view final outpass you login as security. If you click on completed in security it means that the outpass period is over and the student(here 21BCS020) can generate another outpass.
* After logging in as 21BCS020 you can also click on ‘complaints’ in the header to enter into the complaints part of the application
  + You can select category of complaint first
  + Then give the details required and your complaint and then submit it.
  + On submitting the complaint can be viewed in faculty1’s account
  + Again login as faculty1 and click on complaints and then you will be able to view the complaint generated
* In the student (here 21BCS020) home page you also have an option of ‘history’ to view the history of previous outpass and complaints generated.
* In the dropdown menu (the icon on the header right side end) you will have the logout and change password options.
* Initially students can login with a temporary password and then click on change password and set a new password which is stored using hashing in the database.
* To view the mail being sent to faculty on generating the outpass ,you can login to the gmail account with the details given below:

username: faculty1outpass

password: faculty1@123