initialize package manager

* npm init

install these packages

* npm install express body-parser express-handlebars nodemon mysql

make a file ex. server.js

* type nul > server.js

Open the file and initialize these packages

const express = require("express");

const bodyParser = require("body-parser");

const mysql = require("mysql");

creating express application

// configure nodejs application ( it will return data as a json format )

app.use(bodyParser.json());

//Start the application on port no 3000

app.listen(3000,  (req,res) =>{

    console.log("server running on port 3000");

});

// Now we have to configure how the database works

// we have to define the configuration

var mysqlConnection= mysql.createConnection({

    host : "localhost",

    user : "root",

    password : "password",

    database: "crud",

    multipleStatements: true

});

// it takes a callback function

mysqlConnection.connect((err)=>{

    if(!err)

    {

        console.log("Connection Successful");

    }

    else

    {

        console.log("Connection failed"+err);

    }

}

);

Now run the server.js file

* nodemon server.js

it will throw an err

C:\Users\VIRUS\Desktop\node\practice\Node and mySql>nodemon server.js

Connection failedError: ER\_NOT\_SUPPORTED\_AUTH\_MODE: Client does not support authentication protocol requested by server; consider upgrading MySQL client

Now run this query into the workbench

* ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql\_native\_password BY 'password';

Now run server again

It eill show connection successful