Name : Pansuriya Jay L.

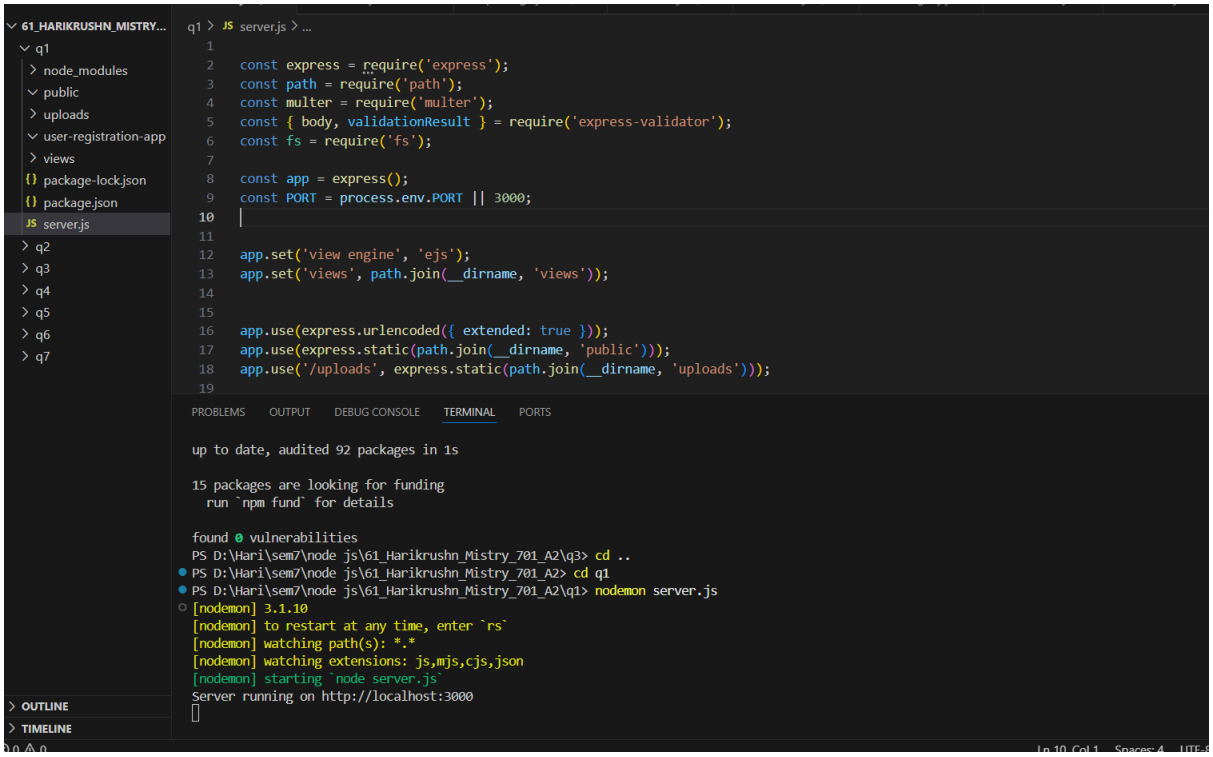
Roll No. : 70

Division : A

Subject : Full Stack (701)

Assignment : Practical– 2

Q1



User Registration

Username

Email

Password

Confirm Password

Gender

○ Male ○ Female ○ Other

Hobbies

☐ Reading ☐ Gaming ☐ Sports ☐ Music ☐ Travel

Profile Picture (Single File)

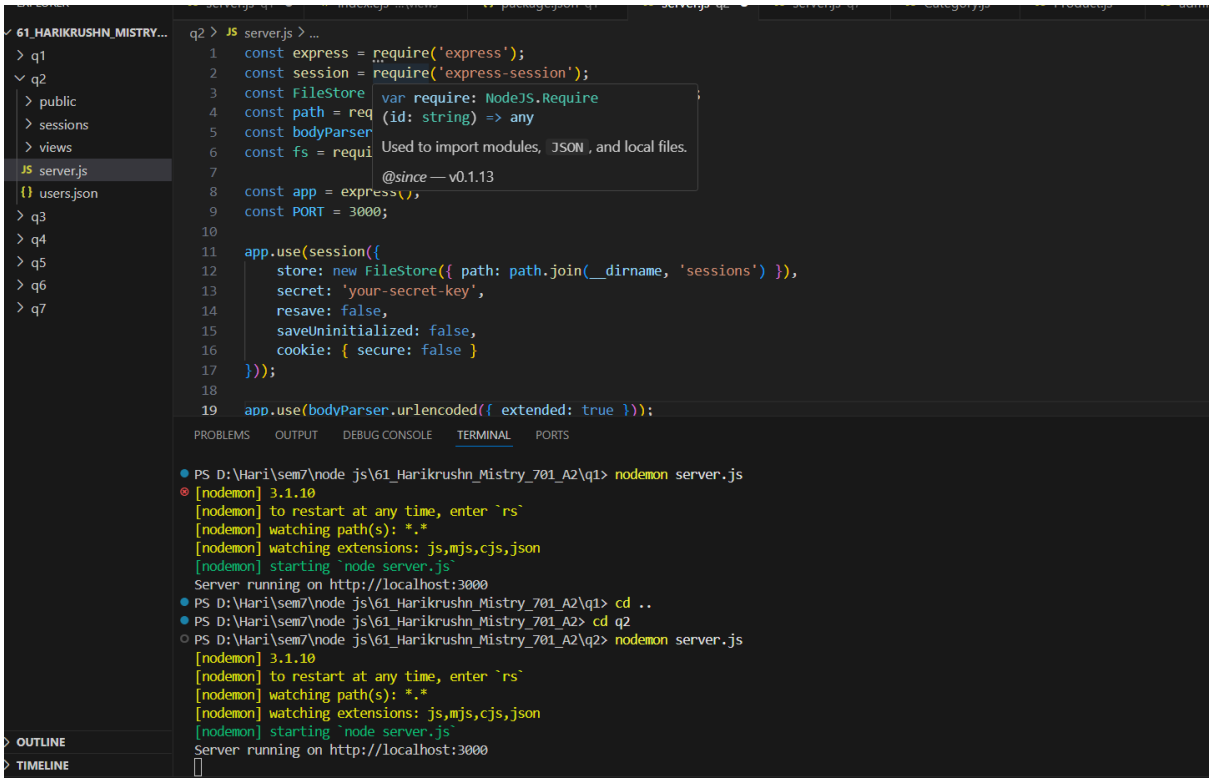
User Registration

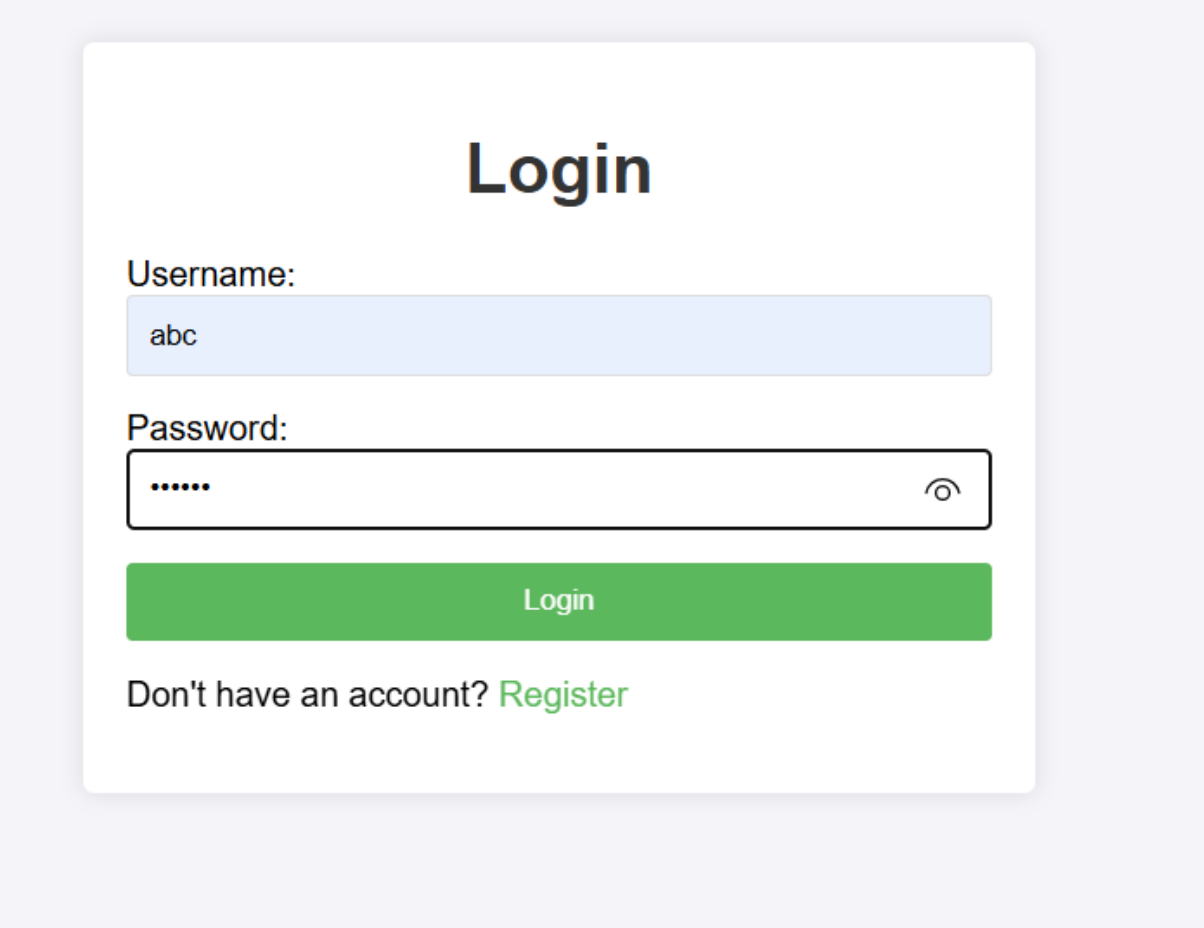
Registration Successful!

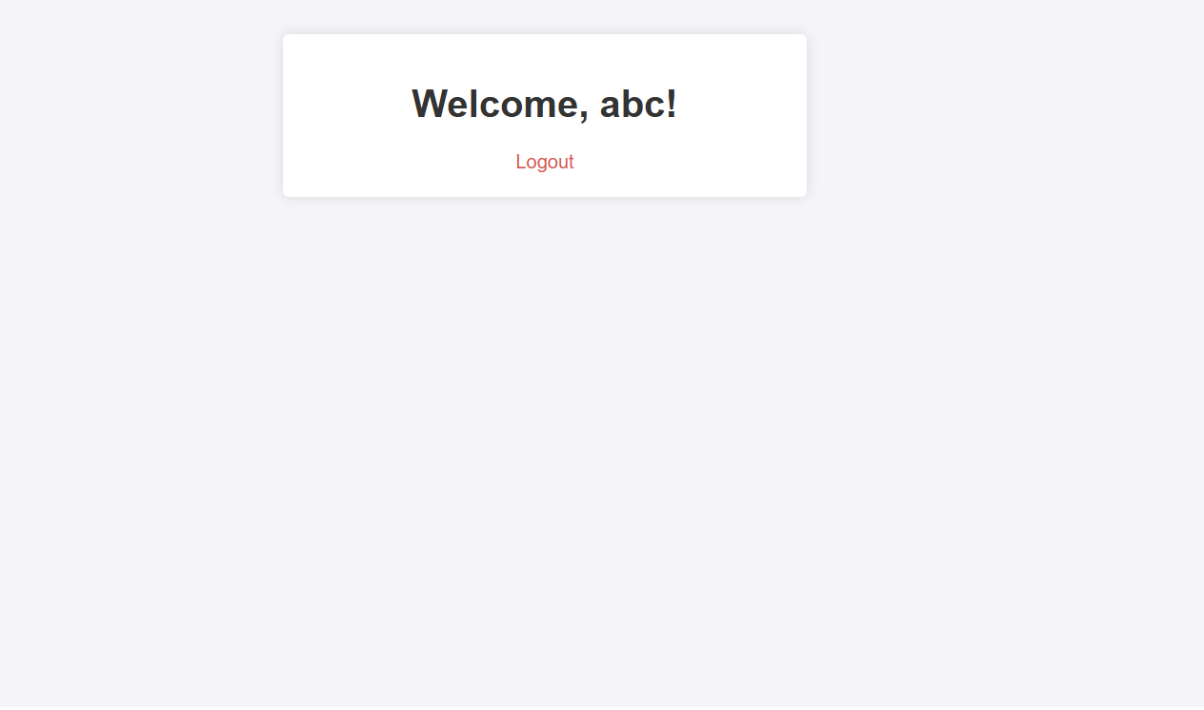
Thank you for registering. Below are your details:

Field	Value
Username	abc
Email	abc2@gmail.com
Gender	male
Hobbies	gaming, sports, music, travel
Profile Picture	Download Profile Pic
Other Pictures	Download

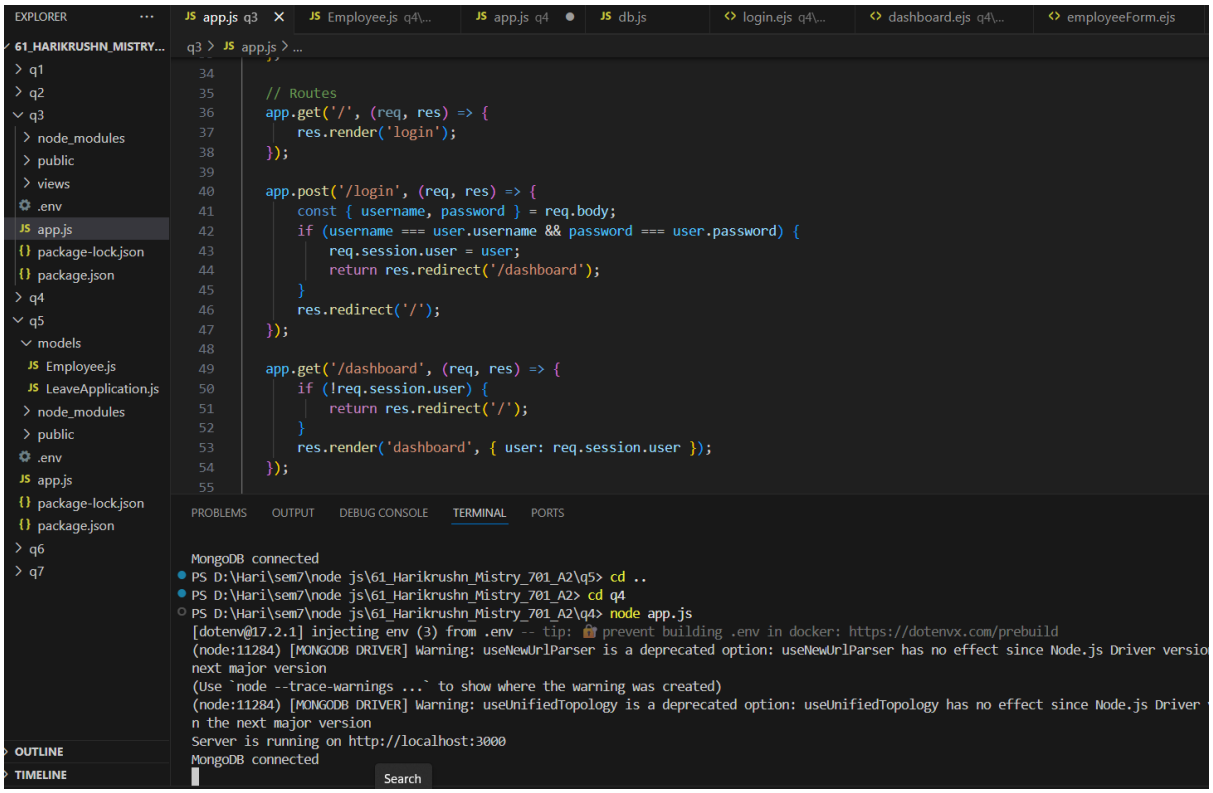
Q2



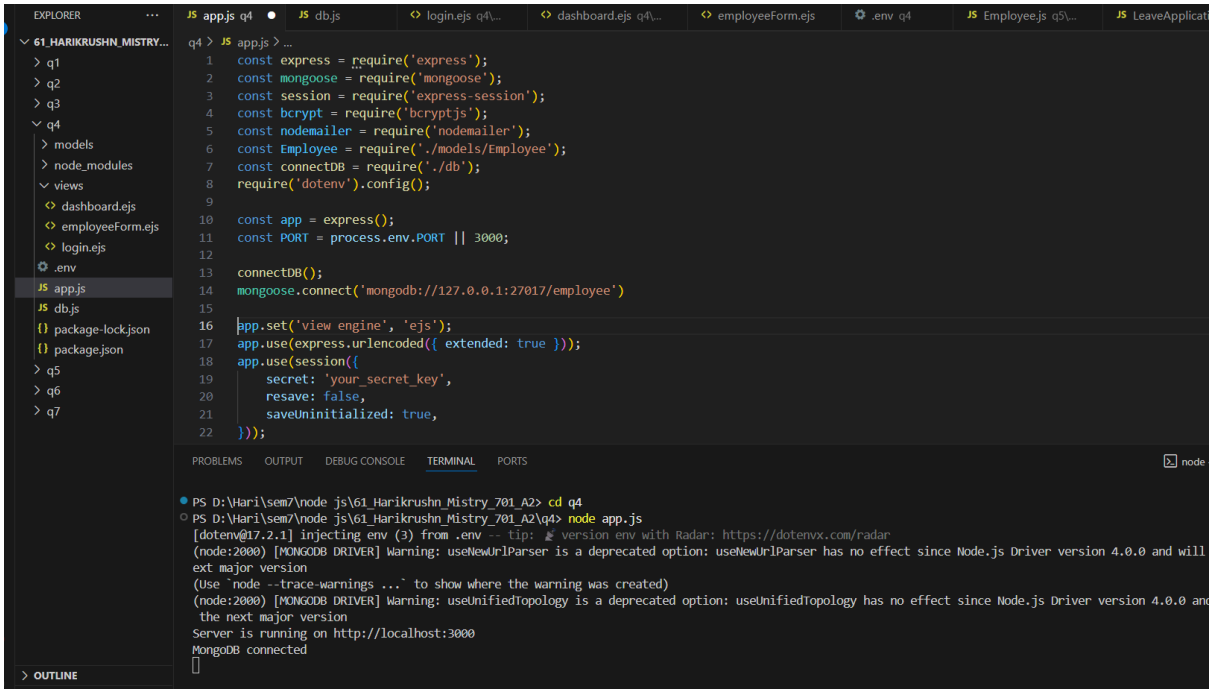

Login
Username:
abc
Password:
Login
Don't have an account? Register


Welcome, abc!
Logout

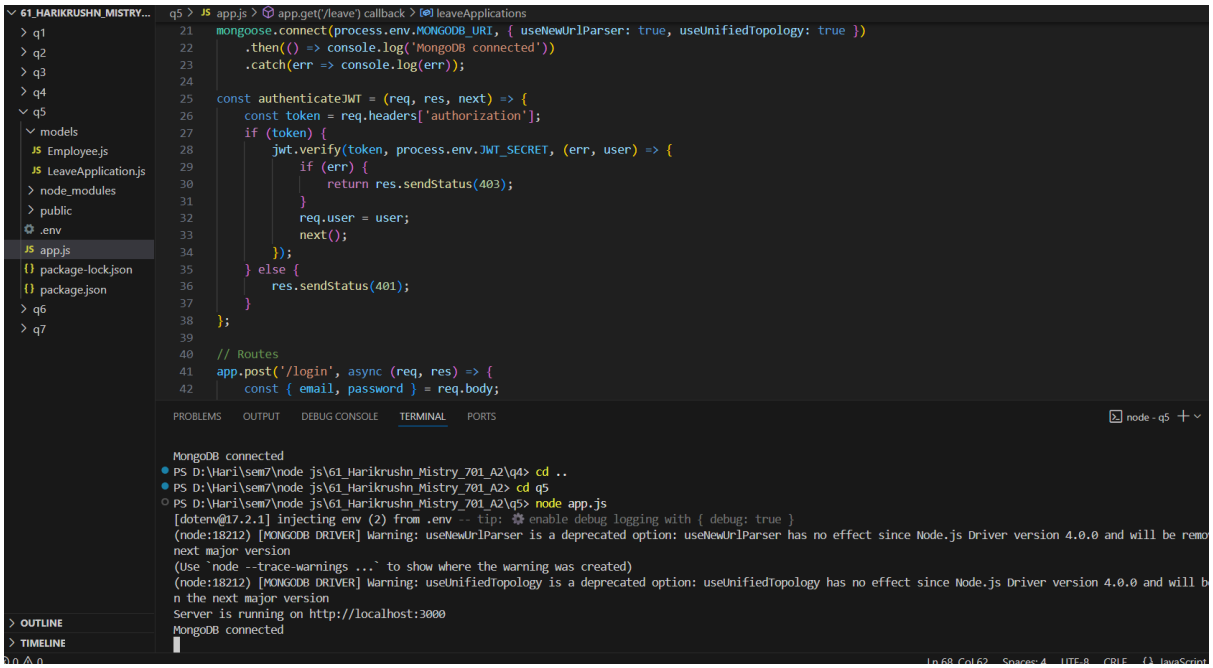
Q3


EXPLORER
app.js q3
Employee.js q4\...
app.js q4
db.js
login.ejs q4\...
dashboard.ejs q4\...
employeeForm.ejs
61_HARIKRUSHN_MISTRY...
q1
q2
q3
node_modules
public
views
.env
app.js
package-lock.json
package.json
q4
q5
models
Employee.js
LeaveApplication.js
node_modules
public
.env
app.js
package-lock.json
package.json
q6
q7
OUTLINE
TIMELINE
q3 > app.js > ...
// Routes
app.get('/', (req, res) => {
res.render('login');
});
app.post('/login', (req, res) => {
const { username, password } = req.body;
if (username === user.username && password === user.password) {
req.session.user = user;
return res.redirect('/dashboard');
}
res.redirect('/');
});
app.get('/dashboard', (req, res) => {
if (!req.session.user) {
return res.redirect('/');
}
res.render('dashboard', { user: req.session.user });
});
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
MongoDB connected
PS D:\Hari\sem7\node js\61_Harikrushn_Mistry_701_A2\q5> cd ..
PS D:\Hari\sem7\node js\61_Harikrushn_Mistry_701_A2> cd q4
PS D:\Hari\sem7\node js\61_Harikrushn_Mistry_701_A2\q4> node app.js
[dotenv@17.2.1] injecting env (3) from .env -- tip: prevent building .env in docker: https://dotenvx.com/prebuild
(node:11284) [MONGODB DRIVER] Warning: useNewUrlParser is a deprecated option: useNewUrlParser has no effect since Node.js Driver versio
next major version
(Use `node --trace-warnings ...` to show where the warning was created)
(node:11284) [MONGODB DRIVER] Warning: useUnifiedTopology is a deprecated option: useUnifiedTopology has no effect since Node.js Driver
n the next major version
Server is running on http://localhost:3000
MongoDB connected
Search

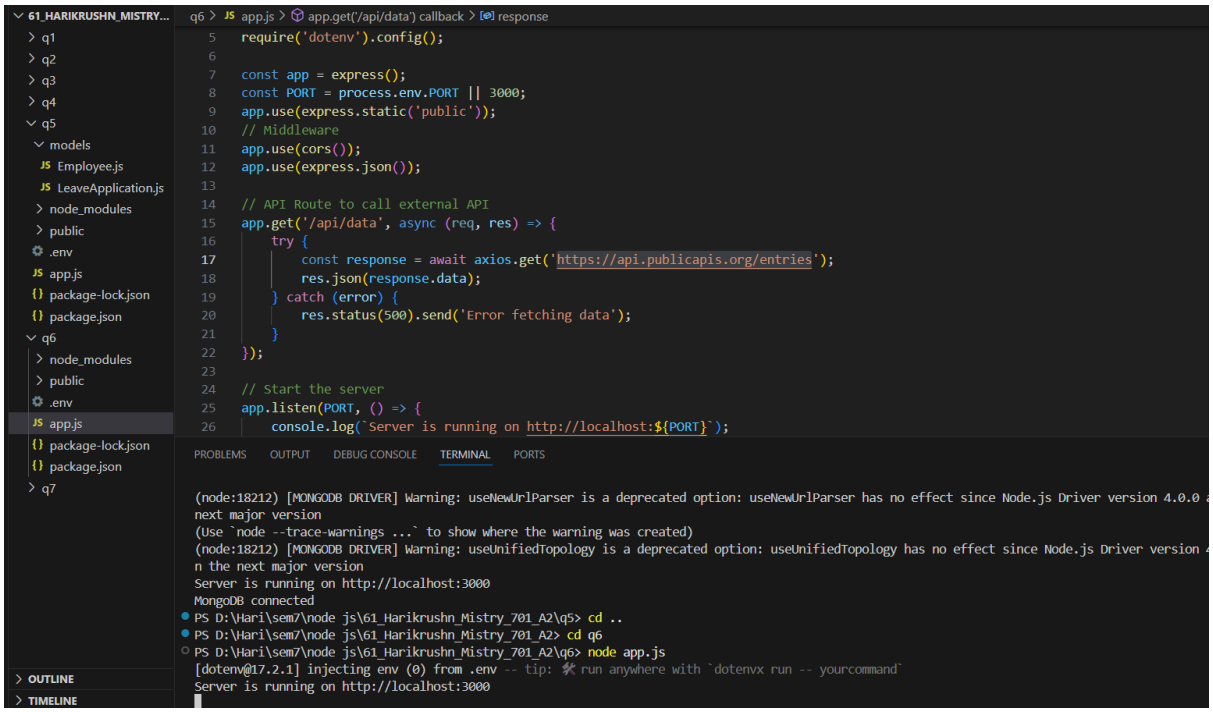
Q4


EXPLORER
app.js q4
db.js
login.ejs q4\...
dashboard.ejs q4\...
employeeForm.ejs
.env q4
Employee.js q5\...
61_HARIKRUSHN_MISTRY...
q1
q2
q3
q4
models
node_modules
views
dashboard.ejs
employeeForm.ejs
login.ejs
.env
app.js
db.js
package-lock.json
package.json
q5
q6
q7
OUTLINE
q4 > app.js > ...
const express = require('express');
const mongoose = require('mongoose');
const session = require('express-session');
const bcrypt = require('bcryptjs');
const nodemailer = require('nodemailer');
const Employee = require('./models/Employee');
const connectDB = require('./db');
require('dotenv').config();
const app = express();
const PORT = process.env.PORT || 3000;
connectDB();
mongoose.connect('mongodb://127.0.0.1:27017/employee')
app.set('view engine', 'ejs');
app.use(express.urlencoded({ extended: true }));
app.use(session({
secret: 'your_secret_key',
resave: false,
saveUninitialized: true,
}));
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
node
PS D:\Hari\sem7\node js\61_Harikrushn_Mistry_701_A2> cd q4
PS D:\Hari\sem7\node js\61_Harikrushn_Mistry_701_A2\q4> node app.js
[dotenv@17.2.1] injecting env (3) from .env -- tip: version env with Radar: https://dotenvx.com/radar
(node:2000) [MONGODB DRIVER] Warning: useNewUrlParser is a deprecated option: useNewUrlParser has no effect since Node.js Driver version 4.0.0 and will
ext major version
(Use `node --trace-warnings ...` to show where the warning was created)
(node:2000) [MONGODB DRIVER] Warning: useUnifiedTopology is a deprecated option: useUnifiedTopology has no effect since Node.js Driver version 4.0.0 and
the next major version
Server is running on http://localhost:3000
MongoDB connected

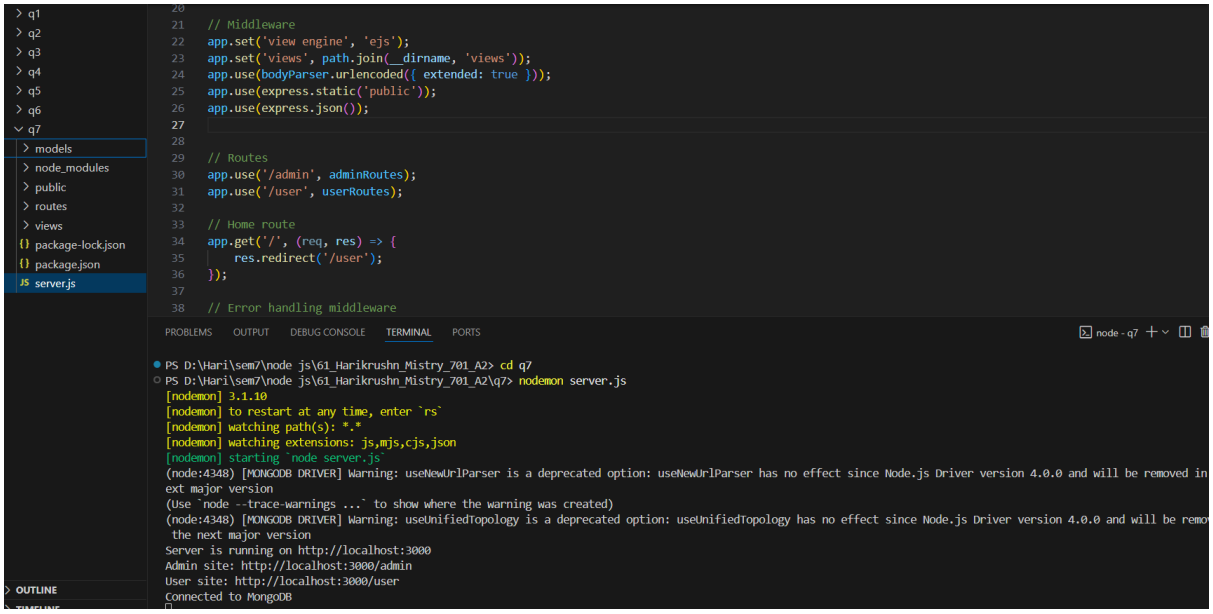
Q5


61_HARIKRUSHN_MISTRY...
q1
q2
q3
q4
q5
models
Employee.js
LeaveApplication.js
node_modules
public
.env
app.js
package-lock.json
package.json
q6
q7
q5 > app.js > app.get('/leave') callback > leaveApplications
mongoose.connect(process.env.MONGODB_URI, { useNewUrlParser: true, useUnifiedTopology: true })
.then(() => console.log('MongoDB connected'))
.catch(err => console.log(err));
const authenticateJWT = (req, res, next) => {
const token = req.headers['authorization'];
if (token) {
jwt.verify(token, process.env.JWT_SECRET, (err, user) => {
if (err) {
return res.sendStatus(403);
}
req.user = user;
next();
});
} else {
res.sendStatus(401);
}
};
// Routes
app.post('/login', async (req, res) => {
const { email, password } = req.body;
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
node - q5
MongoDB connected
PS D:\Hari\sem7\node js\61_Harikrushn_Mistry_701_A2\q4> cd ..
PS D:\Hari\sem7\node js\61_Harikrushn_Mistry_701_A2> cd q5
PS D:\Hari\sem7\node js\61_Harikrushn_Mistry_701_A2\q5> node app.js
[dotenv@17.2.1] injecting env (2) from .env -- tip: enable debug logging with { debug: true }
(node:18212) [MONGODB DRIVER] Warning: useNewUrlParser is a deprecated option: useNewUrlParser has no effect since Node.js Driver version 4.0.0 and will be remo
next major version
(Use `node --trace-warnings ...` to show where the warning was created)
(node:18212) [MONGODB DRIVER] Warning: useUnifiedTopology is a deprecated option: useUnifiedTopology has no effect since Node.js Driver version 4.0.0 and will b
n the next major version
Server is running on http://localhost:3000
MongoDB connected
OUTLINE
TIMELINE

Q6


61_HARIKRUSHN_MISTRY...
q1
q2
q3
q4
q5
models
Employee.js
LeaveApplication.js
node_modules
public
.env
app.js
package-lock.json
package.json
q6
node_modules
public
.env
app.js
package-lock.json
package.json
q7
q6 > app.js > app.get('/api/data') callback > response
require('dotenv').config();
const app = express();
const PORT = process.env.PORT || 3000;
app.use(express.static('public'));
// Middleware
app.use(cors());
app.use(express.json());
// API Route to call external API
app.get('/api/data', async (req, res) => {
try {
const response = await axios.get('https://api.publicapis.org/entries');
res.json(response.data);
} catch (error) {
res.status(500).send('Error fetching data');
}
});
// Start the server
app.listen(PORT, () => {
console.log(`Server is running on http://localhost:${PORT}`);
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
(node:18212) [MONGODB DRIVER] Warning: useNewUrlParser is a deprecated option: useNewUrlParser has no effect since Node.js Driver version 4.0.0
next major version
(Use `node --trace-warnings ...` to show where the warning was created)
(node:18212) [MONGODB DRIVER] Warning: useUnifiedTopology is a deprecated option: useUnifiedTopology has no effect since Node.js Driver version
n the next major version
Server is running on http://localhost:3000
MongoDB connected
PS D:\Hari\sem7\node js\61_Harikrushn_Mistry_701_A2\q5> cd ..
PS D:\Hari\sem7\node js\61_Harikrushn_Mistry_701_A2> cd q6
PS D:\Hari\sem7\node js\61_Harikrushn_Mistry_701_A2\q6> node app.js
[dotenv@17.2.1] injecting env (0) from .env -- tip: run anywhere with `dotenvx run -- yourcommand`
Server is running on http://localhost:3000
OUTLINE
TIMELINE

Q7



Admin Dashboard

Add New Product

Product Name: Product Name

Product Price: Product Price

Select Category: Select Category

Product Image: Choose File No file chosen

Add Product

Add New Category

Category Name: Category Name

Add Category

ShopEasy

Home Categories Products About

Search products...

Featured Products

Browse our latest and greatest products

tv

$50000.00

tv

$50000.00

tshirt

$500.00

tshirt

$500.00