

## ASSIGNMENT 3B

### Code :

```
assignment3b / JS CRUD.js / userSchema

1  const express = require("express");
2  const mongoose = require("mongoose");
3
4  const app = express();
5  app.use(express.json());
6
7  // MongoDB Connection
8  mongoose.connect("mongodb://localhost:27017/userDB")
9    .then(() => console.log("Connected to MongoDB"))
10   .catch(err => console.error("MongoDB connection error:", err));
11
12 // User Schema
13 const userSchema = new mongoose.Schema({
14   name: String,
15   email: { type: String, unique: true },
16   password: String,
17   age: Number,
18   gender: String,
19   disability: Boolean
20 });
21
22 const User = mongoose.model('User', userSchema);
23
24 // CREATE - Register User
25 app.post("/register", async (req, resp) => {
26   try {
27     const user = new User(req.body);
28     const result = await user.save();
29     resp.status(201).json({
30       message: "User Registered Successfully",
31       user: result
32     });
33   } catch (err) {
34     console.error(err);
35     resp.status(500).json({ message: "Server Error" });
36   }
37 });
```

# ASSIGNMENT 3B

## OUTPUT:

The screenshot shows the REST Client interface for a POST request to `http://localhost:3000/register`. The request body is a JSON object with the following fields: `name`, `email`, `password`, `age`, `gender`, and `disability`. The response is a 201 Created status with a 123 ms response time and 444 B of data. The response body is a JSON object containing a success message and a user object with the same fields as the request, plus an `_id` and `__v` field.

```
1 {
2   "name": "Kshitij",
3   "email": "ok@example.com",
4   "password": "password123",
5   "age": 20,
6   "gender": "male",
7   "disability": false
8 }
```

```
1 {
2   "message": "User Registered Successfully",
3   "user": {
4     "name": "Kshitij",
5     "email": "ok@example.com",
6     "password": "password123",
7     "age": 20,
8     "gender": "male",
9     "disability": false,
10    "_id": "67e38f8df12447313d97a8c0",
11    "__v": 0
12  }
13 }
```

The screenshot shows the REST Client interface for a POST request to `http://localhost:3000/login`. The request body is a JSON object with the following fields: `email` and `password`. The response is a 200 OK status with a 11 ms response time and 349 B of data. The response body is a JSON object containing a success message and a user object with the following fields: `id`, `name`, and `email`.

```
1 {
2   "email": "ok@example.com",
3   "password": "password123"
4 }
```

```
1 {
2   "message": "Login Successful",
3   "user": {
4     "id": "67e38f8df12447313d97a8c0",
5     "name": "Kshitij",
6     "email": "ok@example.com"
7   }
8 }
```