● Connect MongoDB database to Express server

Step 1:

```
npm i express
```

Step 2:

```
npm i mongoose
```

Step 3:

```
npm i dotenv (vs ma .env k name sa file bnani
 MONGODB_URI= "mongodb://localhost:27017/databasefoldername"
)
```

Step 4 Database connection:

```
// MongoDB connection --yahan process.env.MONGODB_URI .env file se URI
read karega.
mongoose.connect(
   process.env.MONGODB_URI,
    {
        useNewUrlParser: true,
        useUnifiedTopology: true
    }
);
```

Step 5 schema and modal:

```
//schema OR model
/*
Schema → student ka structure define karta hai (name, age, email).
Model → Student naam ka collection banata hai MongoDB me.
*/
const studentSchema = new mongoose.Schema({
    name: String,
    age: {
        type: Number,
        required: true
    },
```

```
    email: String
});


const Student = mongoose.model('Student', studentSchema);
```

Step 6 Route :

```
//Route to Create Student
/*
Agar koi POST request /student pe aayegi to:
Request body se name, email, age liye jayenge.
new Student(...).save() karke database me store hoga.
Response me message jayega: "Student created successfully".
*/
app.post('/student', (req, res) => {
    const {name,email,age} = req.body;
    const data = new Student({name,email,age}).save()
    res.json('Student created successfully');
});
```

Imports jo krna:

```
import express from 'express';
import mongoose from 'mongoose';
import dotenv from 'dotenv';
import userRouter from './routes/userRoutes.js';
dotenv.config();
const app = express();
```

Final:

```
import express from 'express';
import mongoose from 'mongoose';
import dotenv from 'dotenv';
import userRouter from './routes/userRoutes.js';
dotenv.config();
const app = express();


// middleware
app.use(express.json());
// Routes
```

```javascript
app.use('/new/user', userRouter);

//schema OR model
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    name: String,
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        type: Number,
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    },
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});

const Student = mongoose.model('Student', studentSchema);
//Route to Create Student
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app.post('/student', (req, res) => {
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// MongoDB connection --yahan process.env.MONGODB_URI .env file se URI
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mongoose.connect(
   process.env.MONGODB_URI,
    {
        useNewUrlParser: true,
        useUnifiedTopology: true
    }
);
//server run
app.listen(4001, () => {
    console.log("Server is running on this port no 4001");
});
```