LA8: Building a REST API with Express, Node, and MongoDB

app.js

```javascript
const express = require('express');
const mongoose = require('mongoose');
const Task = require('./models/task');

const app = express();
const port = 3000;

app.use(express.json());

// Connect to MongoDB (replace '<your-mongodb-uri>' with your MongoDB URI)
mongoose.connect('mongodb://sahil266:sahil266@host:27017/task', {
  useNewUrlParser: true,
  useCreateIndex: true,
  useUnifiedTopology: true,
});

// Define routes

// Create a new task
app.post('/tasks', async (req, res) => {
  try {
    const task = new Task(req.body);
    await task.save();
    res.status(201).send(task);
  } catch (error) {
    res.status(400).send(error);
  }
});

// Retrieve all tasks
app.get('/tasks', async (req, res) => {
  try {
    const tasks = await Task.find();
    res.status(200).send(tasks);
  } catch (error) {
    res.status(500).send(error);
  }
});

// Start the Express server
app.listen(port, () => {
  console.log(`Server is running on http://localhost:${port}`);
});
```

models/task.js

```js
const mongoose = require('mongoose');

const taskSchema = new mongoose.Schema({
  title: String,
  description: String,
  completed: Boolean,
});

const Task = mongoose.model('Task', taskSchema);

module.exports = Task;
```