

Let's create a **full working Express.js example** where the server can accept JSON in a POST request and respond back with the same data.

This is a very common pattern for APIs.

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## 1. Install Express

If you haven't already:

```
npm install express
```

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## 2. Create `server.js`:-

```
// Load express
const express = require('express');
const app = express();
const PORT = 3000;

// Middleware to parse JSON
app.use(express.json());

// Root route
app.get('/', (req, res) => {
  res.send('Welcome to Express JSON API!');
});

// POST route to receive JSON
app.post('/api/data', (req, res) => {
  // req.body contains the JSON sent by the client
  console.log('Received JSON:', req.body);

  // Respond back with the same JSON
  res.json({
    message: 'JSON received successfully',
    receivedData: req.body
  });
});

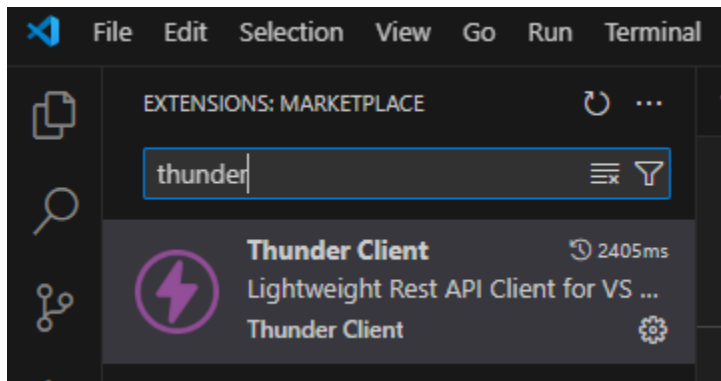
// Start server
app.listen(PORT, () => {
  console.log(`Server is running on http://localhost:${PORT}`);
});
```

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## 3. Run the server

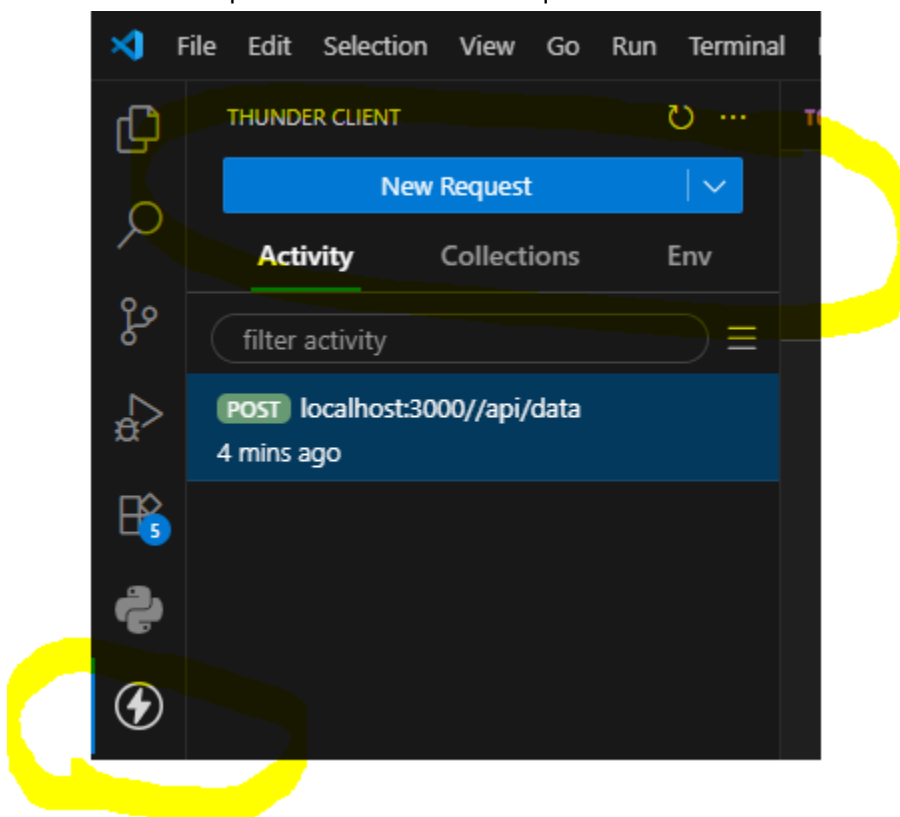
```
node server.js
```

in Vs Code install extension Thunder Client



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After installation open it and click on new request

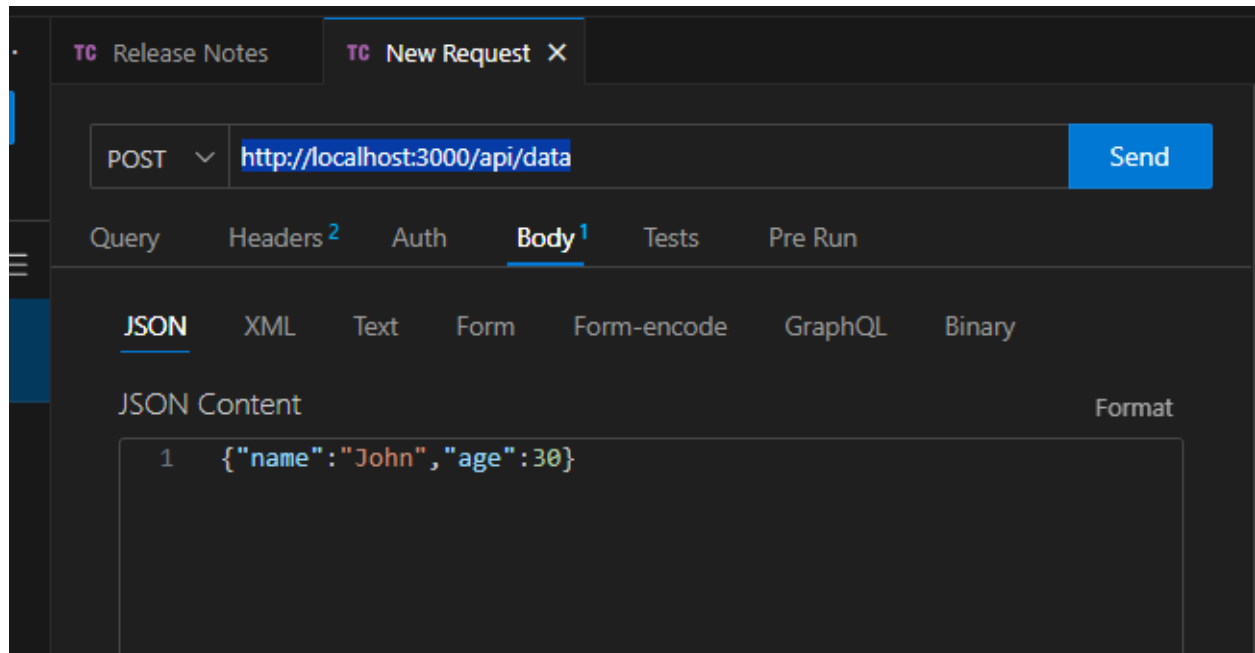


and pass your request Data from here as shown below :-

select POST AND TYPE URL <http://localhost:3000/api/data>

and in Body type in json format as shown below

```
{"name":"John","age":30}
```



And click on send and then you will see response :-

