

The screenshot shows the Visual Studio Code editor with the file explorer on the left displaying a project structure for '6.2'. The file 'server.js' is selected and open in the editor. The code in 'server.js' is as follows:

```
1 const express = require('express');
2 const petRoutes = require('./routes/petsroutes');
3
4 const app = express();
5 const PORT = 3000;
6
7 // Mount pet routes
8 app.use('/api/pets', petRoutes);
9
10 // Root route
11 app.get('/', (req, res) => {
12   res.send('Welcome to the Pets Home Page!');
13 });
14
15 // Add route (for calculator)
16 app.get('/add', (req, res) => {
17   const a = parseFloat(req.query.a);
18   const b = parseFloat(req.query.b);
19   // ...
20 });
```

The terminal at the bottom shows the command 'node server.js' being executed, and the output indicates the server is running at http://localhost:3000.

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```

The terminal at the bottom shows the command 'npm test' being executed, and the output indicates that the tests passed.

```
W:\Deakin\T2\SIT725 - Applied Software Engineering\ONTRACK\WEEK6\6.2>npm test

> test
> mocha --timeout 5000

Sum Calculator API
  ✓ returns status 200 to check if API works (85ms)
  ✓ should return correct sum for valid numbers
  ✓ should handle missing parameters
  ✓ should return error for non-numeric input

4 passing (137ms)
```

Github link: <https://github.com/s225280351srikarboske/SIT725-2025/tree/main/WEEK6/6.2>