• Run 'npm init -y' to create a 'package.json' file.

Install Express, running 'npm install express'

• App.js: main js file that provide basic calculator functionality to clients:

```
igsim File Edit Selection View Go Run \cdots \longleftrightarrow igsim calculator
                                                                                                                                                                                                   ··· apackage-json apackage-lock.json JS app.js ×
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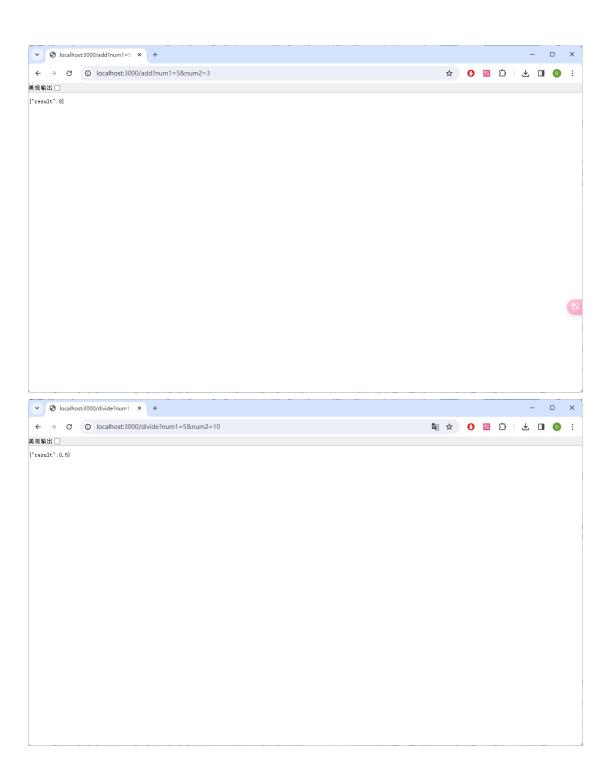
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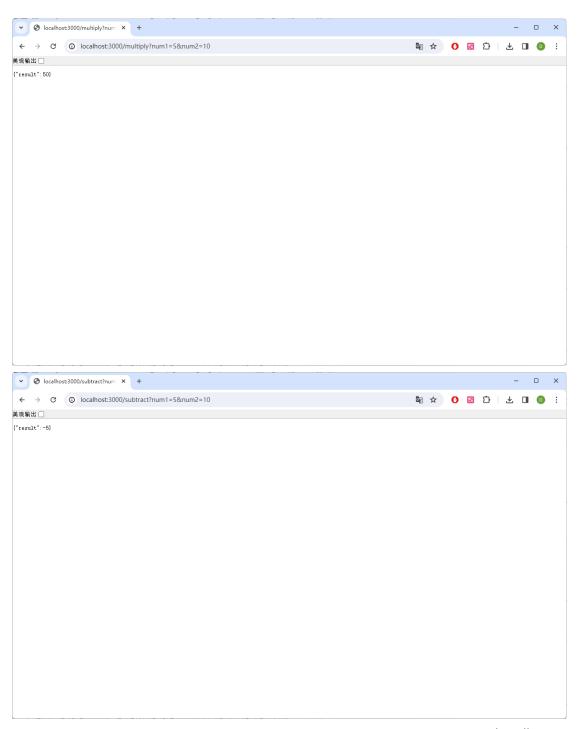
                                                          JS app.js > .
           package.json
package-lock.json
                                                             1   const express = require('express');
2   const app = express();
P
مع
                                                                   // Addition
                                                                                                                                                                                                                           la.
         V CALCULATOR
                                                                   Complexity is 4 Everything is cool!

app.get('/add', (req, res) => {
                                                                       > node_modules
₽>
             ~Sstraction.docx
              JS app.js
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             ■ Instraction.docx

■ package-lock.json
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== package.json
                                                                         const result = parseFloat(num1) + parseFloat(num2);
res.json({
 Д
                                                                        .json({
result
});
Const (content) at Everything is cooll app.get('/subtract', (req, res) => { const { num1, num2
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(1)
                                                                         | numz
| = req.query;
| if (isNaN(num1) || isNaN(num2)) {
| return res.status(400).json({ error: 'Invalid input. Please provide valid numbers.' });
G
                                                                          const result = parseFloat(num1) - parseFloat(num2);
                                                                         res.json({
    result
});
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                                                                   // Multiplication
Complexity is 4 Everything is cool!
app.get('/multiply', (req, res) => {
    const {
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                                                                              num2
                                                                         | num2
| s = req.query;
| if (isNaN(num1) || isNaN(num2)) {
| return res.status(400).json({ error: 'Invalid input. Please provide valid numbers.' });
                                                                          const result = parseFloat(num1) * parseFloat(num2);
                                                                         res.json({
    result
});
                                                                    // Division
                                                                    const {
    num1,
                                                            50
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                                                                               num2
                                                                          } = req.query;
                                                                         if (ishlam(num1) || isNaN(num2)) {
    return res.status(400).json({ error: 'Invalid input. Please provide valid numbers.' });
                                                                         }
if (parseFloat(num2) === 0) {
    return res.status(400).json({
        error: 'Division by zero is not allowed.'
    });
@
       > OUTLINE
                                                                          const result = parseFloat(num1) / parseFloat(num2);
5653
        > TIMELINE
                                                                          res.json({
                                                                  result });
                                                            65
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                                                                   // Error handling
app.use((err, req, res, next) => {
   console.error(err.stack);
   res.status(500).json({
        error: 'Internal Server Error'
   });
});
                                                                   // Start the server
                                                                   // Start the server
const PORT = process.env.PORT || 3000;
app.listen(PORT, () => {
    console.log(`Server is running on port ${PORT}');
});
```

Each endpoint:





• Error handle

