

## Code:

```
const express = require('express');
const app = express();
app.use(express.urlencoded());

app.get('/', (req, res, next) => {
  console.log("IN the middleware")
  res.send(`
    <form action='/output' method='post'>
      <label>First Number: <input type="text" name="first"></label> <br>
      <label>Second Number: <input type = "text" name = "second"></label> <br>
      <label>Choose Operation<select name="operation">
        <option value="add">Add</option>
        <option value="subtract">Subtract</option>
        <option value="multiply">Multiply</option>
        <option value="divid">Divide</option>
      </select></label><br>
      <input type="submit">
    </form>
  `);
});

app.use('/output', (req, res, next) => {
  var output;
  const a = parseInt(req.body.first);
  const b = parseInt(req.body.second)
  if (req.body.operation === 'add') {
    output = a + b;
  } else if (req.body.operation === 'subtract') {
    output = a - b;
  } else if (req.body.operation === 'multiply') {
    output = a * b;
  } else {
    output = a / b;
  }
  res.send(`<h1>The result is ${output} </h1>
    <form action="/" method='get'>
      <input type="submit" value = "Abother Calculation">
    </form>
  `);
});

app.listen(3000, () => {
  console.log('Your Server is running on 4000');
});
```

## Output:

← → ↻ ⓘ localhost:3000/?

Apps New Tab Babylon Search Babylon Search ? pathname pathnme2 f planar S card template

First Number:

Second Number:

Choose Operation:  ▼

← → ↻ ⓘ localhost:3000/output

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# The result is 9