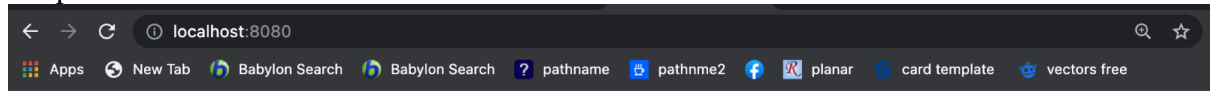


N1

Code:

```
var http = require('http');
http.createServer((req, res)=>{
    res.writeHead(200, {'Content-Type': 'text/html'});
    res.end('Hello World');
}).listen(8080);
```

Output:



Hello World

N2:

Code:

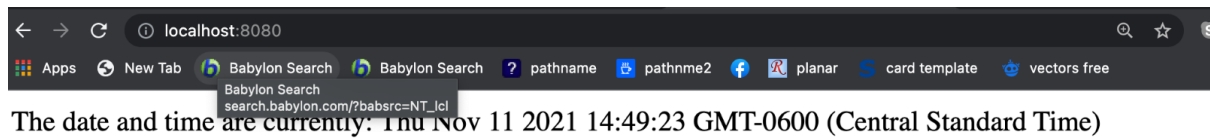
MyModule.js

```
var myDate = function(){
    return Date();
}
exports.myDate = myDate;
```

Node.js

```
var http = require('http');
var dt = require('./myModule');
http.createServer((req, res)=>{
    res.writeHead(200,
        {'Content-Type' : 'text/html'});
    res.write("The date and time are currently: " + dt.myDate());
    res.end();
}).listen(8080);
```

Output:

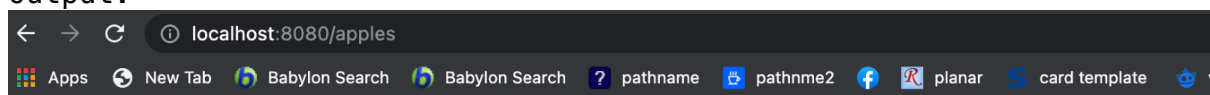


N3:

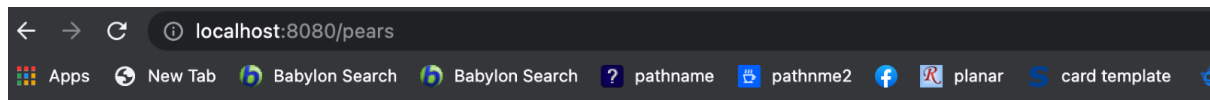
Code:

```
var http = require('http');
http.createServer((req, res)=>{
  res.writeHead(200, {'Content-Type': 'text/html'});
  res.write(req.url);
  res.end();
}).listen(8080);
```

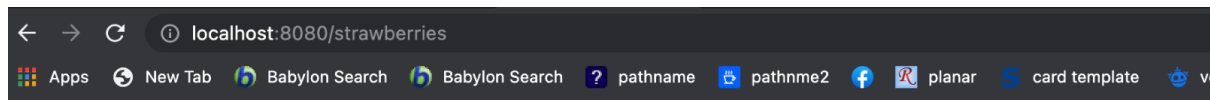
Output:



/apples



/pears



/strawberries

N4:

Code:

SimpleAdder.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width,
    initial-scale=1.0">
    <title>Document</title>
  </head>
  <body>
    <form action="http://localhost:8080/add.js">
      <div>
        Enter two numbers
        <input type="text" name="first"><br>
        <input type="text" name="second"><br>
        <input type="submit" value="click">
      </div>
    </form>
  </body>
</html>
```

Addmod.js

```
//module to perform Addition
```

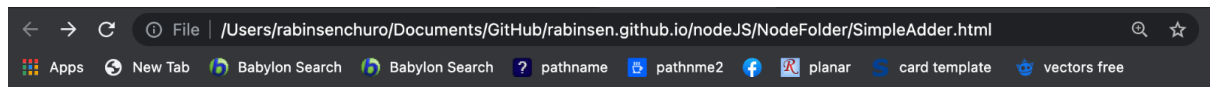
```

exports.add = (req, res, vals) => {
  var sum = parseInt(vals.first) + parseInt(vals.second);
  res.writeHead(200, { 'Content-Type': 'text/html' });
  res.write(` <!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-
scale=1.0">
<title>Calculator Website</title>
</head>
<body>
<p>The sum is: ${String(sum)}</p>
</body>
</html> `);
  return res.end();
}

AddWebServer.js
var http = require('http');
var url = require('url');
var fs = require('fs');
var addmod = require('./addmod');
http.createServer((req, res) => {
  var q = url.parse(req.url, true);
  var filename = "." + q.pathname;
  console.log(filename);
  if(q.pathname == "/add.js"){
    addmod.add(req, res, q.query);
  }
  else{
    fs.readFile(filename, (err, data) => {
      if(err){
        res.writeHead(404, { 'Content-Type' : 'text/html' });
        return res.end("404 Not Found");
      }
      res.writeHead(200);
      res.write(data);
      return res.end();
    });
  }
}).listen(8080);

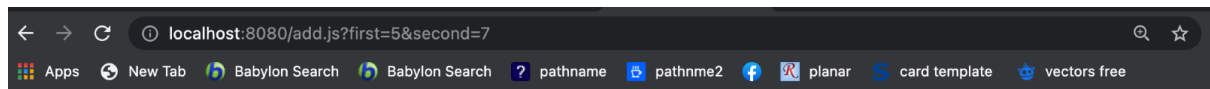
```

Output:



Enter two numbers

click



The sum is: 12