EXPLORER   ⋯

ingInVariables.js | JS FunctionDeclarationsVsExpressions.js | JS ArrowFunctionsVsNormalFunctions.js | JS Math.js

∨ NODE.JS PROGRAMS

JS App.js
JS ArrowFunctionsVsNormalFunctions.js
JS FunctionDeclarationsVsExpressions.js
JS HigherOrderFunctions.js
JS HoistingInVariables.js
JS Math.js
JS SandeepGF202322853.js
JS Server.js

JS Math.js > ...

```js
1   function add(a, b) {
2       return a + b;
3   }
4
5   function subtract(a, b) {
6       return a - b;
7   }
8
9   module.exports = { add, subtract };
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS   DOLPHINDB

PS C:\Users\rajes\OneDrive\Node.js programs>

> OUTLINE
> TIMELINE

⊗ 0 △ 0

EXPLORER   ···   ingInVariables.js   JS FunctionDeclarationsVsExpressions.js   JS ArrowFunctionsVsNormalFunctions.js   JS Math.js

∨ NODE.JS PROGRAMS   JS App.js > ...
  JS App.js   1   const math = require('./Math');
  JS ArrowFunctionsVsNormalFunctions.js   2
  JS FunctionDeclarationsVsExpressions.js   3   console.log("Addition:", math.add(5, 3));
  JS HigherOrderFunctions.js   4   console.log("Subtraction:", math.subtract(10, 4));
  JS HoistingInVariables.js
  JS Math.js
  JS SandeepGF202322853.js
  JS Server.js

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS   DOLPHINDB

PS C:\Users\rajes\OneDrive\Node.js programs> node App.js
Addition: 8
Subtraction: 6
PS C:\Users\rajes\OneDrive\Node.js programs> █

> OUTLINE
> TIMELINE
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EXPLORER   ···

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∨ NODE.JS PROGRAMS

JS App.js
JS ArrowFunctionsVsNormalFunctions.js
JS Blocking.js
≡ blocking.txt
JS FunctionDeclarationsVsExpressions.js
JS HigherOrderFunctions.js
JS HoistingInVariables.js
JS Math.js
JS nonBlocking.js
JS SandeepGF202322853.js
JS Server.js

JS Blocking.js > ...

```javascript
1    const fs = require('fs');
2
3    const data = fs.readFileSync('Blocking.txt', 'utf-8');
4    console.log("Blocking read:", data);
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS   DOLPHINDB

```
PS C:\Users\rajes\OneDrive\Node.js programs> node Blocking.js
Blocking read: Test file for Node.js.
Example for Bloking and Non-Blocking.
PS C:\Users\rajes\OneDrive\Node.js programs> []
```

> OUTLINE
> TIMELINE

⊗ 0 △ 0

EXPLORER   ···   tionDeclarationsVsExpressions.js   JS ArrowFunctionsVsNormalFunctions.js   JS Math.js   JS App.js   JS Bl

∨ NODE.JS PROGRAMS   JS nonBlocking.js > ...

JS App.js   1   const fs = require('fs');
JS ArrowFunctionsVsNormalFunctions.js   2
JS Blocking.js   3   fs.readFile('Blocking.txt', 'utf-8', (err, data) => {
   blocking.txt   4   if (err) {
JS FunctionDeclarationsVsExpressions.js   5   console.error(err);
JS HigherOrderFunctions.js   6   return;
JS HoistingInVariables.js   7   }
JS Math.js   8   console.log("Non-blocking read:", data);
JS nonBlocking.js   9   });
JS SandeepGF202322853.js   10
JS Server.js   11   console.log("This line runs before file is read!");

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS   DOLPHINDB

PS C:\Users\rajes\OneDrive\Node.js programs> node Blocking.js
Blocking read: Test file for Node.js.
Example for Bloking and Non-Blocking.
PS C:\Users\rajes\OneDrive\Node.js programs> node nonBlocking.js
This line runs before file is read!
Non-blocking read: Test file for Node.js.
Example for Bloking and Non-Blocking.
PS C:\Users\rajes\OneDrive\Node.js programs> ▊

> OUTLINE
> TIMELINE
⊗ 0 △ 0

EXPLORER   ···   ons.js   JS ArrowFunctionsVsNormalFunctions.js   JS Math.js   JS App.js   JS Blocking.js   ☰ blocking

∨ NODE.JS PROGRAMS   JS Asynchronous.js > ...
  JS App.js   1   function fetchUserData() {
  JS ArrowFunctionsVsNormalFunctions.js   2   console.log("Fetching data...");
  JS Asynchronous.js   3
  JS Blocking.js   4   setTimeout(() => {
  ☰ blocking.txt   5   console.log("Data received");
  JS FunctionDeclarationsVsExpressions.js   6   }, 2000);
  JS HigherOrderFunctions.js   7   }
  JS HoistingInVariables.js   8
  JS Math.js   9   fetchUserData();
  JS nonBlocking.js
  JS SandeepGF202322853.js
  JS Server.js

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS   DOLPHINDB

PS C:\Users\rajes\OneDrive\Node.js programs> node Asynchronous.js
Fetching data...
Data received
PS C:\Users\rajes\OneDrive\Node.js programs> |

> OUTLINE
> TIMELINE
⊗ 0 ⚠ 0