

question1.js × JS question2.js JS question3.js log1.txt log2.txt

JS question1.js > lowerCaseWords

```
1
2 function lowerCaseWords(input) {
3     return new Promise((resolve, reject) => {
4         if (!Array.isArray(input)) {
5             reject('Input is not an array');
6         } else {
7             const filteredWords = input.filter(item => typeof item === 'string');
8             const lowercasedWords = filteredWords.map(word => word.toLowerCase());
9             resolve(lowercasedWords);
10        }
11    });
12 }
13
14
15
16 const myArray = [1, 'Apple', 'Banana', 42, 'Cherry', 'Date'];
17 lowerCaseWords(myArray)
18     .then(result => {
19         console.log('Lowercased Words:', result);
20     })
21     .catch(error => {
22         console.error('Error:', error.message);
23     });
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\mahsh\OneDrive\Desktop\test> node .\question1.js
Lowercased Words: [ 'apple', 'banana', 'cherry', 'date' ]
PS C:\Users\mahsh\OneDrive\Desktop\test>
```

Question 2

JS question1.js JS question2.js X JS question3.js log1.txt log2.txt

JS question2.js > ...

```
9   function rejectedPromise() {
10     return new Promise((resolve, reject) => {
11       setTimeout(() => {
12         reject("Promise rejected with an error");
13       }, 500);
14     });
15   }
16
17   // Calling the resolvedPromise
18   resolvedPromise()
19     .then(result => {
20       console.log("Resolved Promise Result:", result);
21     })
22     .catch(error => {
23       console.error("Resolved Promise Error:", error);
24     });
25
26   // Calling the rejectedPromise
27   rejectedPromise()
28     .then(result => {
29       console.log("Rejected Promise Result:", result);
30     })
31     .catch(error => {
32       console.error("Rejected Promise Error:", error);
33     });
34
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

● PS C:\Users\mahsh\OneDrive\Desktop\test> node .\question2.js

Resolved Promise Result: Promise resolved successfully

Rejected Promise Error: Promise rejected with an error

○ PS C:\Users\mahsh\OneDrive\Desktop\test>

Question 3

EXPLORER

...

JS question1.js

JS question2.js

JS question3.js X

log1.txt

log2.txt

TEST

> Logs

JS question1.js

JS question2.js

JS question3.js

JS question3.js > removeAndCreateLogFiles

```
6 function removeAndCreateLogFiles() {
7   // Remove existing log files and the Logs directory
8   if (fs.existsSync(logsDirectory)) {
9     const files = fs.readdirSync(logsDirectory);
10    console.log('Files to delete:', files);
11
12    files.forEach(file => {
13      const filePath = path.join(logsDirectory, file);
14      fs.unlinkSync(filePath);
15      console.log(`Deleted: ${file}`);
16    });
17  }
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

Created file: log1.txt

● PS C:\Users\mahsh\OneDrive\Desktop\test> node question3.js

Files to delete: [

'log1.txt', 'log10.txt',

'log2.txt', 'log3.txt',

'log4.txt', 'log5.txt',

'log6.txt', 'log7.txt',

'log8.txt', 'log9.txt'

]

Deleted: log1.txt

Deleted: log10.txt

Deleted: log2.txt

Deleted: log3.txt

Deleted: log4.txt

Deleted: log5.txt

Deleted: log6.txt

Deleted: log7.txt

Deleted: log8.txt

Deleted: log9.txt

Deleted directory: C:\Users\mahsh\OneDrive\Desktop\test\Logs

Created directory: C:\Users\mahsh\OneDrive\Desktop\test\Logs

Created file: log1.txt

Created file: log2.txt

Created file: log3.txt

Created file: log4.txt

Created file: log5.txt

Created file: log6.txt

Created file: log7.txt

Created file: log8.txt

Created file: log9.txt

Created file: log10.txt

○ PS C:\Users\mahsh\OneDrive\Desktop\test>

> OUTLINE