

Question 1:

The screenshot shows the VS Code editor with a project named '101061602_comp3123_labtest1'. The file explorer on the left shows a directory structure with files: add.js, question1.js, question2.js, question3.js, and remove.js. The 'question1.js' file is open in the editor. The code defines a function 'lowerCaseWords' that takes a mixed array and returns a Promise that resolves to an array of lowercase words. An example usage is provided with a mixed array containing 'PIZZA', 10, true, 25, false, and 'Wings'. The console output shows the result of the function call: ['pizza', 'wings'].

```
1 function lowerCaseWords(mixedArray) : Promise<unknown> { Show usages
2   return new Promise( executor: (resolve, reject) : void => {
9     resolve(result);
10   }
11 });
12 }
13
14 // Example usage
15 const mixedArray : (string | number | boolean | null)[] = ['PIZZA', 10, true, 25, false, 'Wings'];
16
17 lowerCaseWords(mixedArray) : Promise<unknown>
18   .then(result => console.log(result)) : Promise<void>
19   .catch(error => console.error(error));
20
21
```

Run question1.js

```
/opt/homebrew/bin/node /Users/oscarpiedrasantadiaz/Desktop/T177_Sem_5/101061602_comp3123_labtest1/question1.js
[ 'pizza', 'wings' ]
```

Process finished with exit code 0

Question 2:

The screenshot shows the VS Code editor with the same project. The file explorer shows the same directory structure. The 'question2.js' file is open in the editor. The code defines a function 'rejectedPromise' that returns a Promise that rejects with a message. An example usage is provided with a message 'delayed success!'. The console output shows the result of the function call: { message: 'delayed success!' } and { error: 'delayed exception!' }.

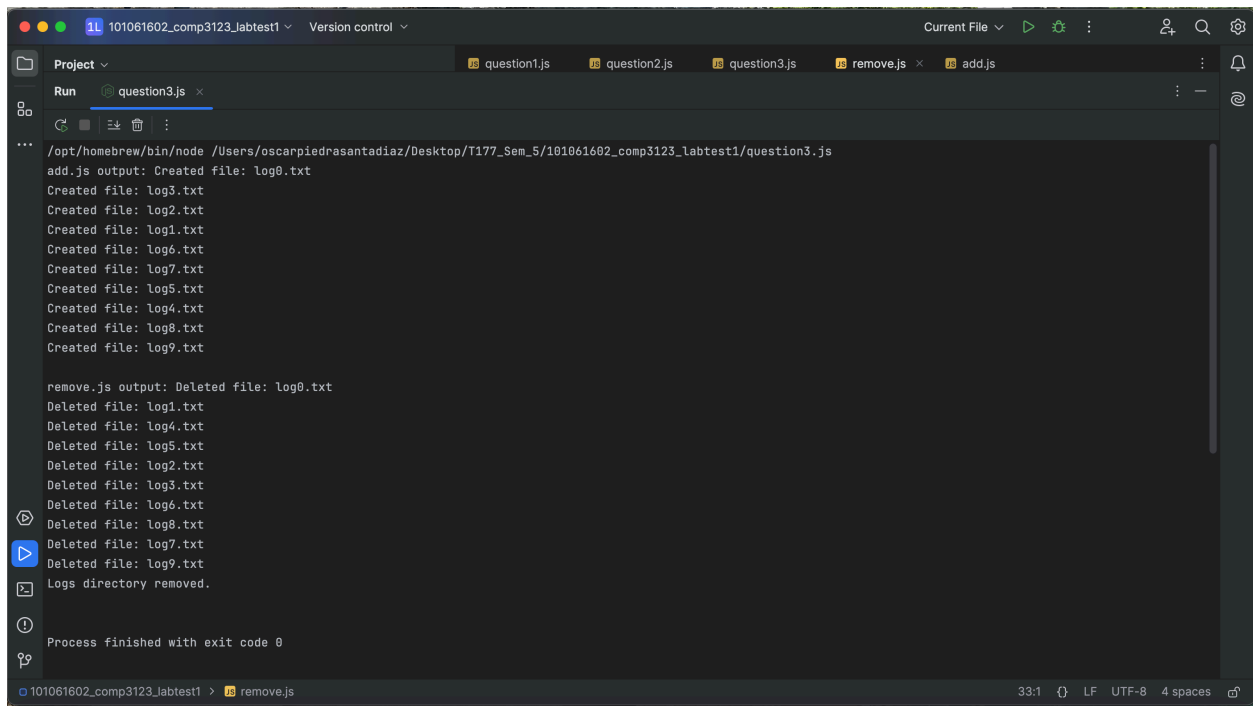
```
9 function rejectedPromise() : Promise<unknown> { Show usages
10   return new Promise( executor: (_, reject) : void => {
14   });
15 }
16
17 // Example usage
18 rejectedPromise() : Promise<unknown>
19   .then(result => console.log(result)) : Promise<void>
20   .catch(error => console.error(error));
21
22 rejectedPromise() : Promise<unknown>
23   .then(result => console.log(result)) : Promise<void>
24   .catch(error => console.error(error));
25
```

Run question2.js

```
/opt/homebrew/bin/node /Users/oscarpiedrasantadiaz/Desktop/T177_Sem_5/101061602_comp3123_labtest1/question2.js
{ message: 'delayed success!' }
{ error: 'delayed exception!' }
```

Process finished with exit code 0

Question 3.



```
101061602_comp3123_labtest1  Version control  Current File  Run  question1.js  question2.js  question3.js  remove.js  add.js
Run  question3.js
...
/opt/homebrew/bin/node /Users/oscarpiedrasantadiaz/Desktop/T177_Sem_5/101061602_comp3123_labtest1/question3.js
add.js output: Created file: log0.txt
Created file: log3.txt
Created file: log2.txt
Created file: log1.txt
Created file: log6.txt
Created file: log7.txt
Created file: log5.txt
Created file: log4.txt
Created file: log8.txt
Created file: log9.txt

remove.js output: Deleted file: log0.txt
Deleted file: log1.txt
Deleted file: log4.txt
Deleted file: log5.txt
Deleted file: log2.txt
Deleted file: log3.txt
Deleted file: log6.txt
Deleted file: log8.txt
Deleted file: log7.txt
Deleted file: log9.txt
Logs directory removed.

Process finished with exit code 0
101061602_comp3123_labtest1 > remove.js  33:1  LF  UTF-8  4 spaces
```