Promises Assignment

Create a directory in which you will work in

In that directory create

1) a file named ‘step1.txt’ and put the text ‘step1’ in the file and save it
2) a file named ‘step3.txt’ and put the text ‘step3’ in the file and save it
3) a file called ‘index.js’ and add content below to it and save it:

```
const fs = require("fs");
const { promisify } = require("util");

const step1 = () => {
  fs.readFile("./step1.txt", "utf8", (err, data) => {
    console.log(data);
  });
};
const step2 = () => console.log("step2");
const step3 = () => {
  fs.readFile("./step3.txt", "utf8", (err, data) => {
    console.log(data);
  });
};
const step4 = () => console.log("step4");

const step5 = () => {
  fs.readFile("./step5.txt", "utf8", (err, data) => {
    console.log(data);
  });
};

const promiseExample = () => {
    const readFile = promisify(fs.readFile);
    return readFile("./step1.txt", "utf8");
};
```

Task 1

Look at the code below. Without running it, can you guess what will be printed and why? Now try adding below snippet to your code and running it

```
step1();
step2();
```

Task 2

Can you create a function called **step1andstep2** that prints text step1 then step2**.** You should use **promisify** module, **then** keyword , functions **step1** and **step2**

Remember: You are not allowed to change function names. However you can rearrange content in functions and add promises to them.

Clue: look at promiseExample() function

Task 3

Create a function called **step1Tostep4**. Using **promises** AND **async await** keywords AND **step1**, **step2**, **step3**, **step4** functions, get step1, step2, step3 , step4 text to printed in the correct order.

Remember: You are not allowed to change function names. However you can rearrange content in functions and add promises to them and of course add async await keywords.

Task 4

What do you think will happen when you run below? Add below to your code and run it

```
step5();
```

Task 5

Let's update function **step5** to return a promise AND to handle an error using correct keywords