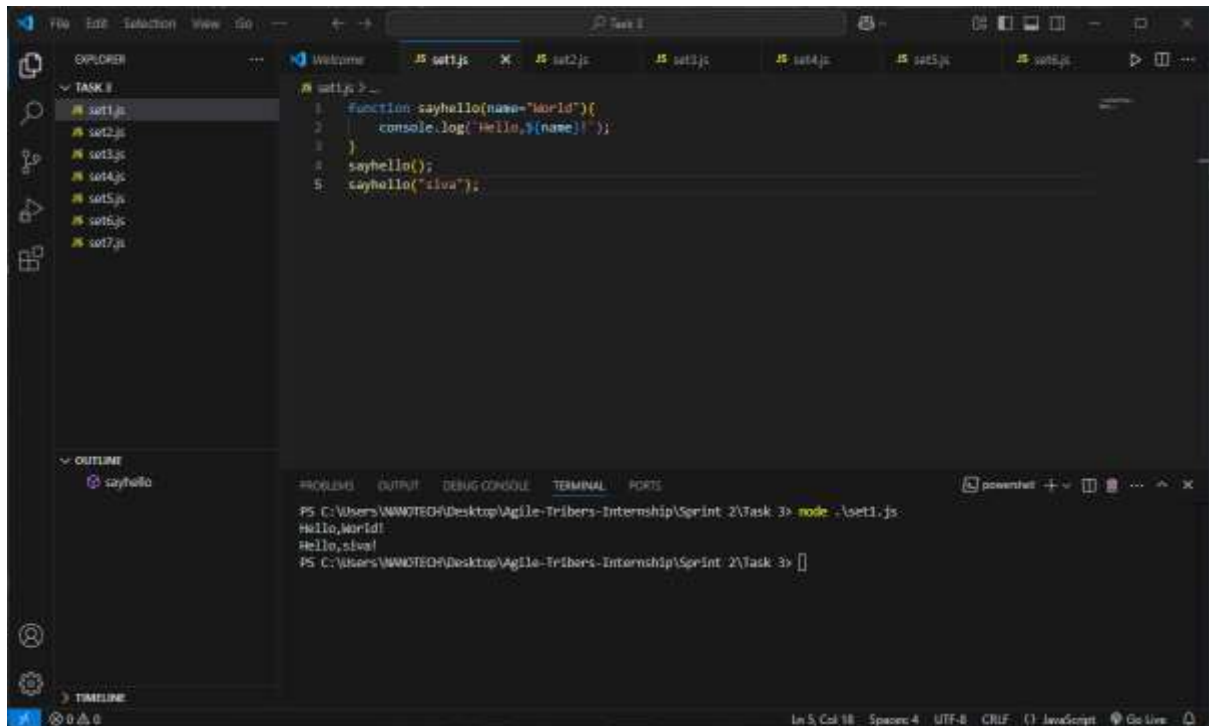


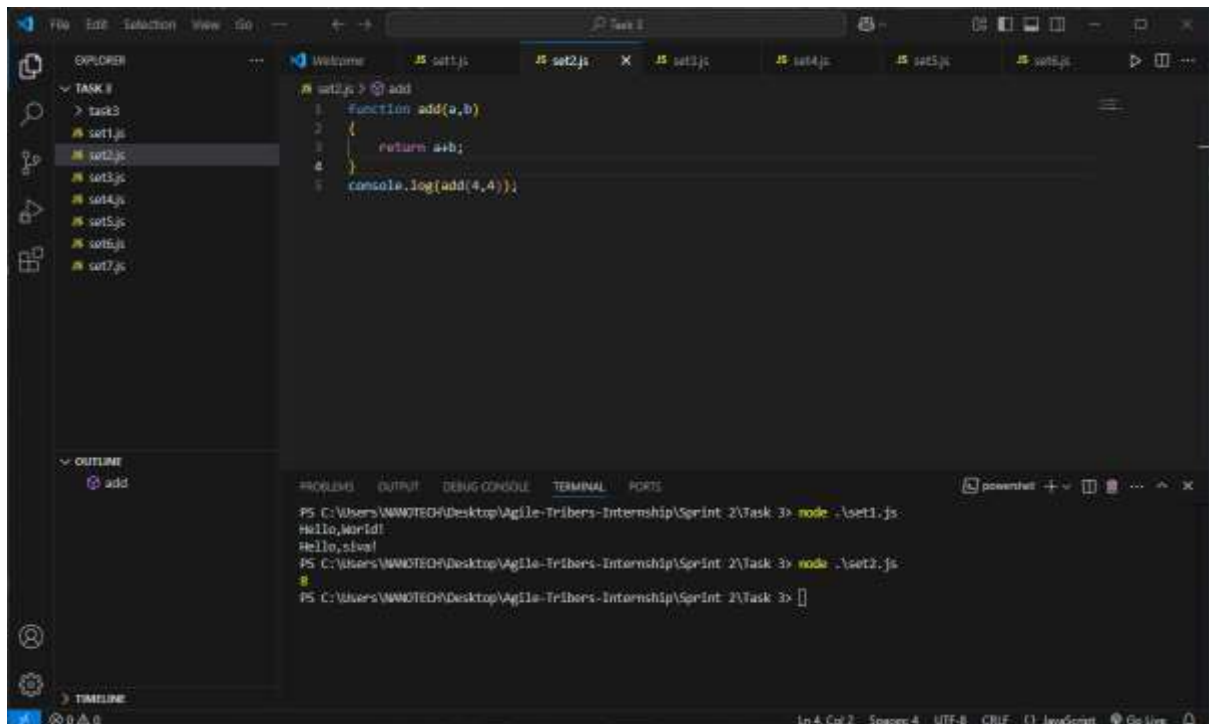
## Set1



```
function sayhello(name="World"){
  console.log(`Hello,${name}`);
}
sayhello();
sayhello("silva");
```

```
PS C:\Users\WAWOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\set1.js
Hello,World!
Hello,silva!
PS C:\Users\WAWOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3>
```

## Set2



```
function add(a,b)
{
  return a+b;
}
console.log(add(4,4));
```

```
PS C:\Users\WAWOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\set1.js
Hello,World!
Hello,silva!
PS C:\Users\WAWOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\set2.js
8
PS C:\Users\WAWOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3>
```

## Set3

The screenshot shows the VS Code interface with the Explorer sidebar on the left. The 'TASKS' section is expanded, showing a list of tasks: task3, set1.js, set2.js, set3.js (highlighted), set4.js, set5.js, set6.js, and set7.js. The 'OUTLINE' section shows a single item 'multi'. The main editor area displays the code for 'set3.js':

```
1 const multi = function(a,b)
2 {
3   return a*b;
4 }
5 console.log(multi(3,9));
```

The bottom panel shows the 'TERMINAL' tab with the following output:

```
PS C:\Users\WAWOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\set1.js
Hello,World!
PS C:\Users\WAWOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\set2.js
8
PS C:\Users\WAWOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\set3.js
27
PS C:\Users\WAWOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3>
```

The status bar at the bottom indicates 'Ln 5, Col 25 - Spaces: 4 - UTF-8 - CRLF - () JavaScript - Go Live'.

## Set4

The screenshot shows the VS Code interface with the Explorer sidebar on the left. The 'TASKS' section is expanded, showing a list of tasks: task3, set1.js, set2.js, set3.js, set4.js (highlighted), set5.js, set6.js, and set7.js. The 'OUTLINE' section shows a single item 'multi'. The main editor area displays the code for 'set4.js':

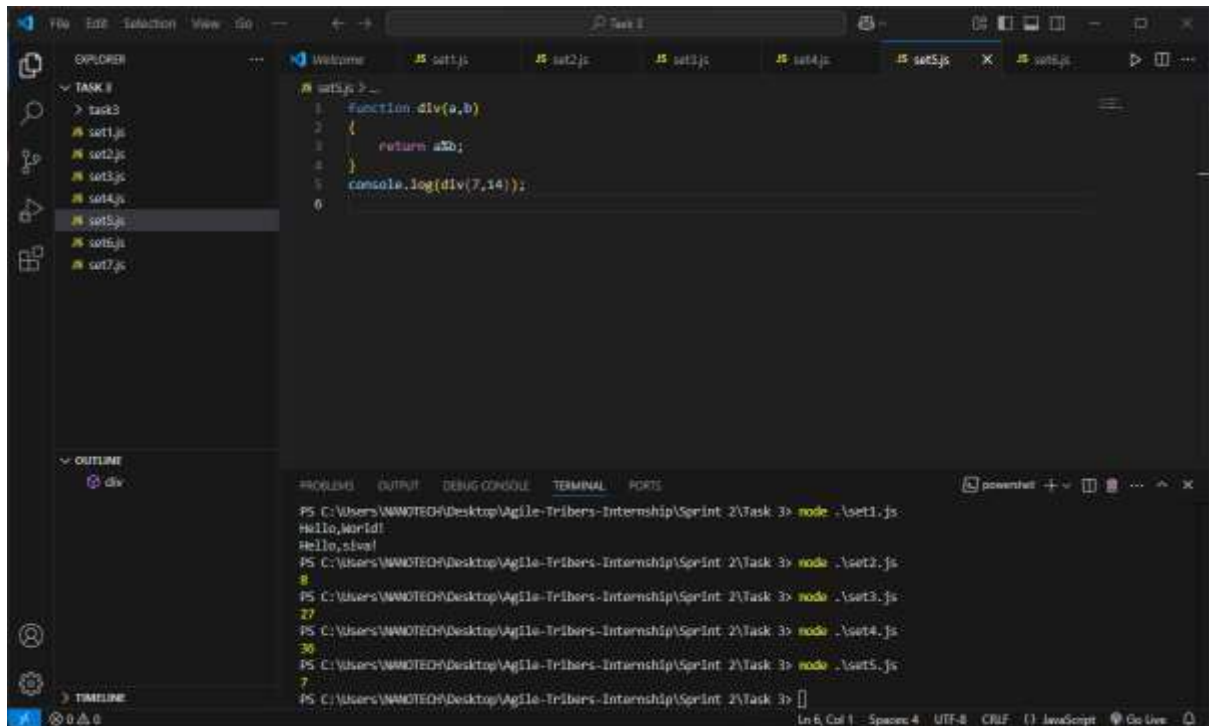
```
1 function multi(a,b){
2   return a*b;
3 }
4 console.log(multi(4,9));
```

The bottom panel shows the 'TERMINAL' tab with the following output:

```
PS C:\Users\WAWOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\set1.js
Hello,World!
PS C:\Users\WAWOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\set2.js
8
PS C:\Users\WAWOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\set3.js
27
PS C:\Users\WAWOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\set4.js
36
PS C:\Users\WAWOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3>
```

The status bar at the bottom indicates 'Ln 4, Col 25 - Spaces: 4 - UTF-8 - CRLF - () JavaScript - Go Live'.

## Set5



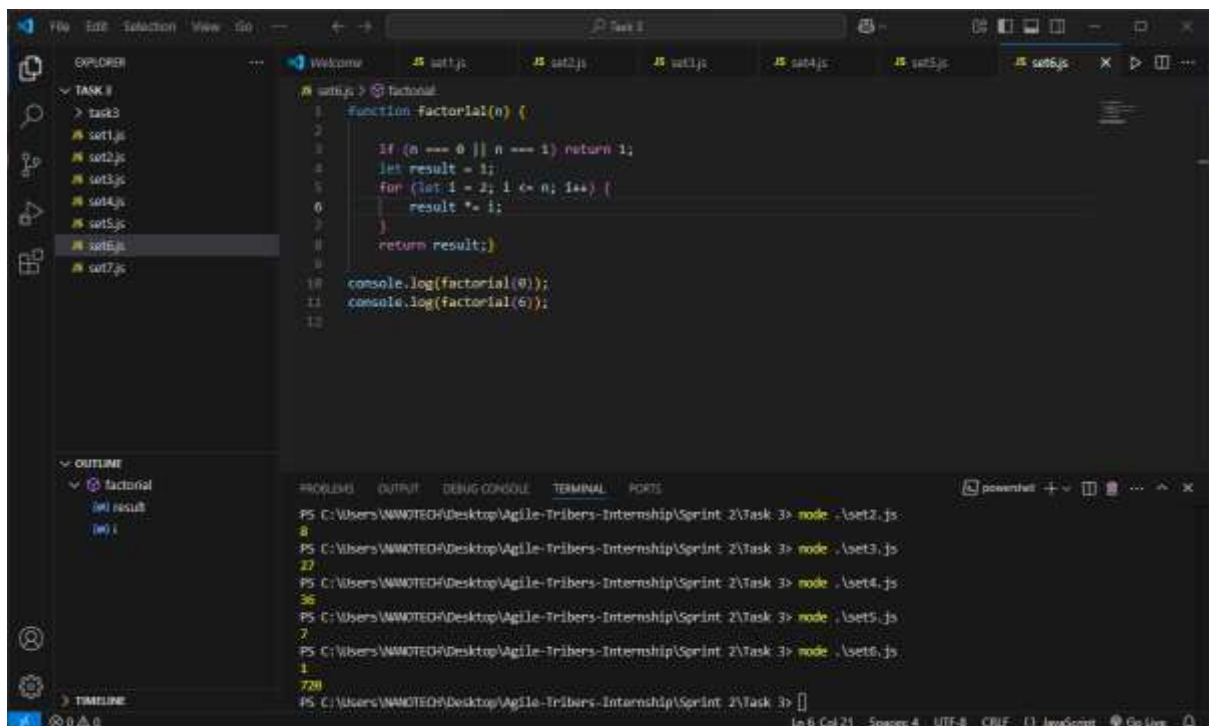
The screenshot shows the VS Code editor with the file explorer on the left displaying a directory structure with files task3, set1.js, set2.js, set3.js, set4.js, set5.js, set6.js, and set7.js. The editor is open to set5.js, which contains the following JavaScript code:

```
1 function div(a,b)
2 {
3     return a/b;
4 }
5 console.log(div(7,14));
6
```

The terminal at the bottom shows the execution of several Node.js commands:

```
PS C:\Users\WAMOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\set1.js
Hello,World!
PS C:\Users\WAMOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\set2.js
8
PS C:\Users\WAMOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\set3.js
27
PS C:\Users\WAMOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\set4.js
30
PS C:\Users\WAMOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\set5.js
7
PS C:\Users\WAMOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3>
```

## Set6



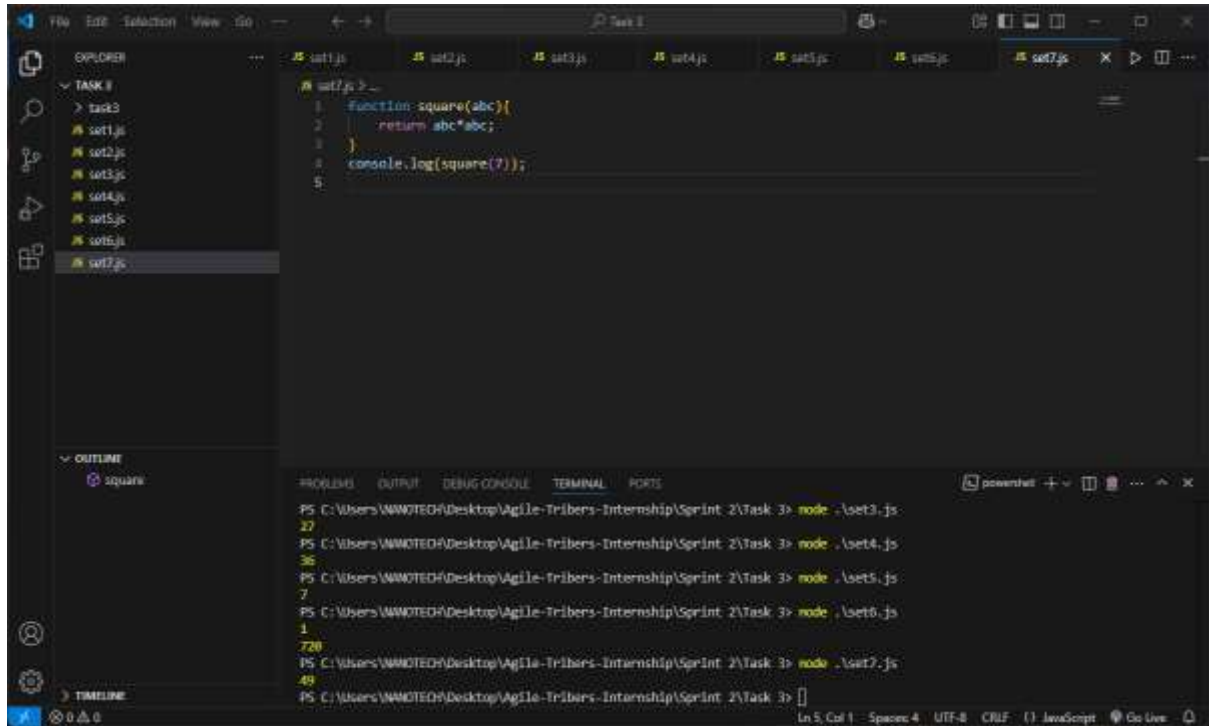
The screenshot shows the VS Code editor with the file explorer on the left displaying the same directory structure. The editor is open to set6.js, which contains the following JavaScript code:

```
1 function factorial(n) {
2
3     if (n === 0 || n === 1) return 1;
4     let result = 1;
5     for (let i = 2; i <= n; i++) {
6         result *= i;
7     }
8     return result;
9 }
10 console.log(factorial(0));
11 console.log(factorial(6));
12
```

The terminal at the bottom shows the execution of several Node.js commands:

```
PS C:\Users\WAMOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\set2.js
8
PS C:\Users\WAMOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\set3.js
27
PS C:\Users\WAMOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\set4.js
36
PS C:\Users\WAMOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\set5.js
7
PS C:\Users\WAMOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\set6.js
1
720
PS C:\Users\WAMOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3>
```

## Set7



The screenshot shows the Visual Studio Code editor interface. The Explorer sidebar on the left displays a project structure with a 'TASKS' folder containing files 'task3.js' through 'task7.js'. The 'OUTLINE' sidebar shows a function 'square'. The main editor window displays the content of 'set7.js'.

```
1 function square(abc){
2   return abc*abc;
3 }
4 console.log(square(7));
5
```

The bottom panel contains the 'TERMINAL' tab, which shows the execution of the file using the 'node' command in a PowerShell prompt. The output shows the result of the calculation, 49.

```
PS C:\Users\WAWOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\set3.js
27
PS C:\Users\WAWOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\set4.js
36
PS C:\Users\WAWOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\set5.js
7
PS C:\Users\WAWOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\set6.js
1
720
PS C:\Users\WAWOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\set7.js
49
PS C:\Users\WAWOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3>
```

The status bar at the bottom indicates the current file is 'set7.js' at line 5, column 1, with 4 spaces, UTF-8 encoding, and CRLF line endings. It also shows the file is a JavaScript file and is being debugged by 'Go Live'.