

Set1

The screenshot shows the VS Code interface with the Explorer sidebar on the left. Under the 'TASKS' section, a file named 'sayhello' is listed. The main editor area displays the content of 'say1.js', which contains a JavaScript function 'sayhello' that takes a 'name' parameter and logs a greeting. The function is called twice: first with 'World' and then with 'silva'. The bottom panel shows the 'TERMINAL' tab with the command 'node .\say1.js' executed, resulting in the output 'Hello, World!' and 'Hello, silva!'.

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

```
PS C:\Users\WAWOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\say1.js
Hello, World!
Hello, silva!
PS C:\Users\WAWOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3>
```

Set2

The screenshot shows the VS Code interface with the Explorer sidebar on the left. Under the 'TASKS' section, a file named 'add' is listed. The main editor area displays the content of 'say2.js', which contains a JavaScript function 'add' that takes two parameters 'a' and 'b', returns their sum, and logs the result of adding 4 and 4. The bottom panel shows the 'TERMINAL' tab with the command 'node .\say2.js' executed, resulting in the output '8'.

```
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 .\say1.js
Hello, World!
Hello, silva!
PS C:\Users\WAWOTED\Desktop\Agile-Tribers-Internship\Sprint 2\Task 3> node .\say2.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 output with the following commands and results:

```
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':

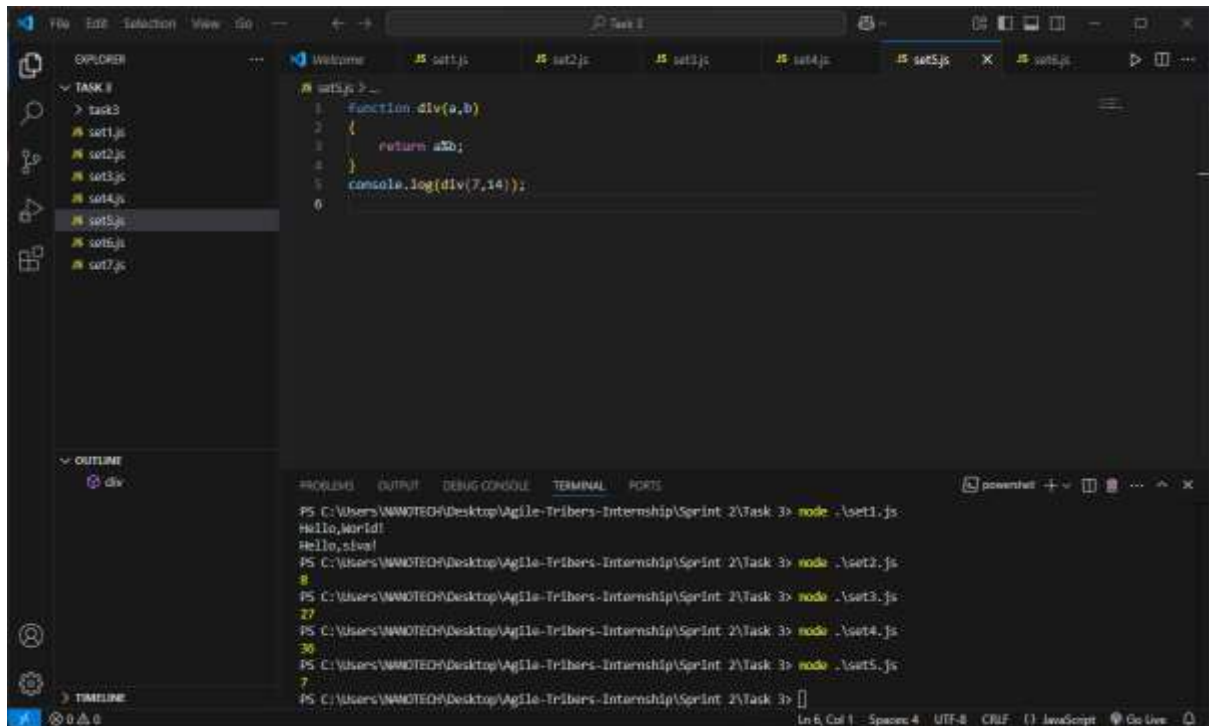
```
1 function multi(a,b){
2   return a*b;
3 }
4 console.log(multi(4,9));
```

The bottom panel shows the TERMINAL output with the following commands and results:

```
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



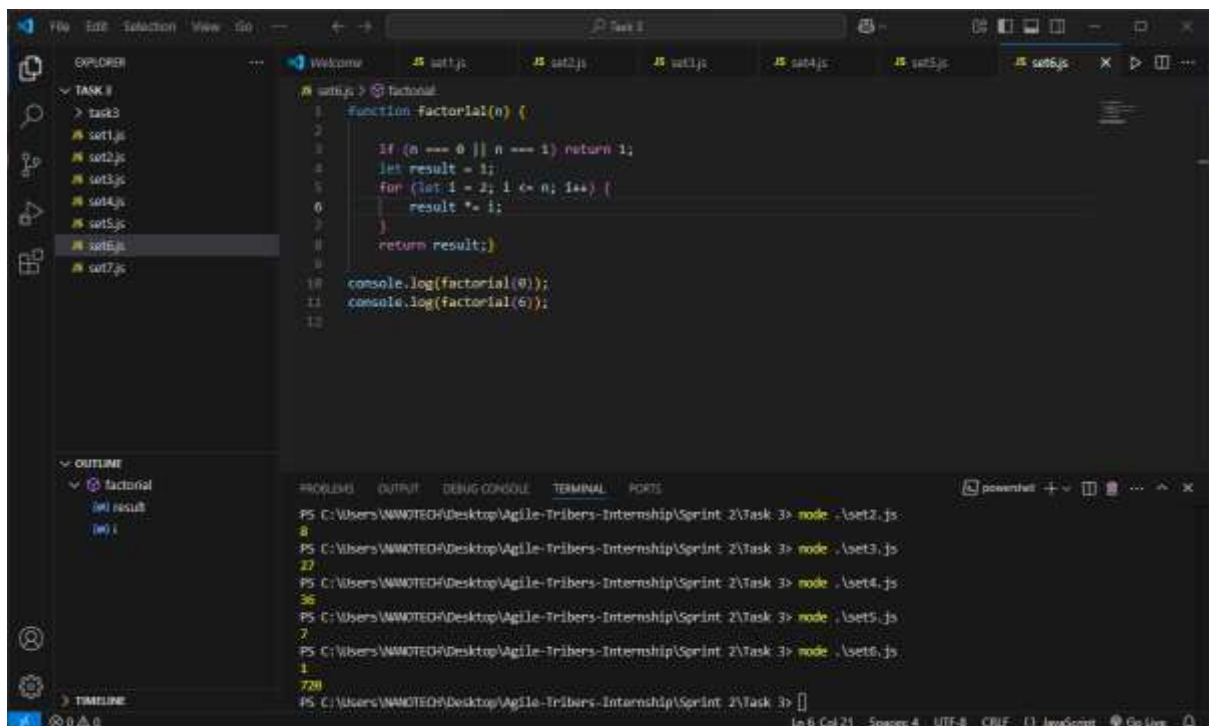
The screenshot shows the VS Code editor with the file explorer on the left displaying a directory structure with files task3, set1.js, set2.js, set3.js, set4.js, set5.js, set6.js, and set7.js. The editor is open to set5.js, which contains the following JavaScript code:

```
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\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
30
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>
```

Set6



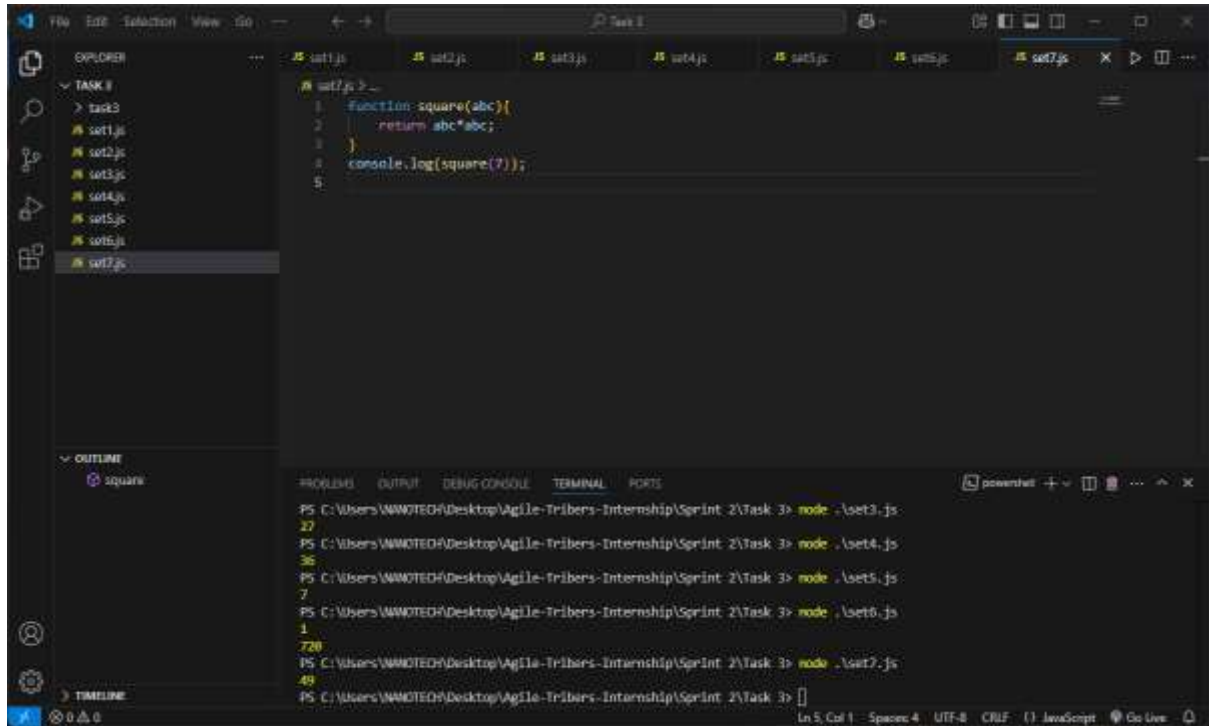
The screenshot shows the VS Code editor with the file explorer on the left displaying the same directory structure. The editor is open to set6.js, which contains the following JavaScript code:

```
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\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> 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>
```

Set7



The image shows a Visual Studio Code editor window with a dark theme. The Explorer sidebar on the left shows a project structure with a 'TASKS' folder containing files 'set1.js' through 'set7.js'. The 'set7.js' file is selected and open in the editor. The code in 'set7.js' is as follows:

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

The OUTLINE sidebar shows a function 'square'. The TERMINAL panel at the bottom shows the execution of several commands in a PowerShell prompt:

```
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 'Ln 5, Col 1 - Spaces: 4 - UTF-8 - CR/LF - JavaScript - Go Live'.