

The image shows a Visual Studio Code editor window with a dark theme. The editor has two tabs: 'task3.html' and 'JS task3.js'. The 'JS task3.js' tab is active, displaying the following JavaScript code:

```
1 //Exercise1
2 function sayHello(name){
3     console.log('Hello, ${name}!!!');
4 }
5 sayHello("Agile");
6
7 //Exercise2
8 function add(a,b){
9     c=a+b;
10    console.log('Sum : ${c}');
11 }
12 add(432,987);
13
14 //Exercise 3
15 let x=5;
16 let y=9;
17 let multiply=function multiply3(x,y){
18     return x*y;
19 };
20 console.log('Multiplication using Function Expression:',multiply(45,89));
21
22 //Exercise 4
23 function multiply4(a,b){
24     c=a*b;
25     console.log('Multiplication using function : ${c}');
26 }
```

Below the editor, the 'OUTPUT' panel is visible, showing the execution results of the code:

```
[Running] node "c:\Users\rajes\Desktop\project\intern\agile tribe intern\JS\task 3\task3.js"
Hello, Agile!!!
Sum : 1419
Multiplication using Function Expression: 4005
Multiplication using function : 4698
Division: 90
factorial: 120
squaring: 7921
[Done] exited with code=0 in 0.272 seconds
```

The status bar at the bottom indicates the current file is 'master*' at line 11, column 4, using UTF-8 encoding with CRLF line endings. It also shows the file is a JavaScript file and is running on port 5500.

FileEditSelectionViewGoRunTerminalHelp< ->Untitled (Workspace)

task3.htmlJS task3.js

JS > task 3 > JS task3.js > ...

```
22 //Exercise 4
23 function multiply4(a,b){
24     c=a*b;
25     console.log("Multiplication using function : ${c}");
26 }
27 multiply4(54,87);
28
29 //Exercise 5
30 function divide(a,b){
31     return a/b;
32 }
33 console.log("Division:",divide(450,5));
34
35 //Exercise 6
36 let res=1;
37 function factorial(n){
38     for(i=1;i<=n;i++){
39         res*=i;
40     }
41     return res;
42 }
43 console.log("factorial:",factorial(5));
44
45 //Exercise 7
46 function squaring(a){
47     return a*a;
48 }
```

PROBLEMSOUTPUTDEBUG CONSOLETERMINALPORTS

FilterCode

```
[Running] node "c:\Users\rajes\Desktop\project\intern\agile tribe intern\JS\task 3\task3.js"
Hello, Agile!!!
Sum : 1419
Multiplication using Function Expression: 4005
Multiplication using function : 4698
Division: 90
factorial: 120
squaring: 7921

[Done] exited with code=0 in 0.272 seconds
```

Ln 19, Col 4 Spaces: 4 UTF-8 CRLF {} JavaScript Port: 5500

FileEditSelectionViewGoRunTerminalHelp< ->Untitled (Workspace)

task3.htmlJS task3.js

JS > task 3 > JS task3.js > ...
30 function divide(a,b){
31 }
32 }
33 console.log('Division:',divide(450,5));
34
35 //Exercise 6
36 let res=1;
37 function factorial(n){
38 for(i=1;i<=n;i++){
39 res*=i;
40 }
41 return res;
42 }
43 console.log("factorial:",factorial(5));
44
45 //Exercise 7
46 function squaring(a){
47 return a*a;
48 }
49 console.log("Squaring:",squaring(89))
50
51

PROBLEMSOUTPUTDEBUG CONSOLETERMINALPORTS

FilterCode

[Running] node "c:\Users\rajes\Desktop\project\intern\agile tribe intern\JS\task 3\task3.js"
Hello, Agile!!!
Sum : 1419
Multiplication using Function Expression: 4005
Multiplication using function : 4698
Division: 90
factorial: 120
Squaring: 7921

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Ln 19, Col 4Spaces: 4UTF-8CRLFJavaScriptPort: 5500