

Visual Studio Code interface showing a JavaScript file named `jobsimulation.js` being edited. The Explorer sidebar on the left shows the project structure, including `jobsimulation.html`, `jobsimulation.js`, `package.json`, `task1.html`, `task1.js`, and `PreAss4.js`. The main editor displays the following JavaScript code:

```
1 var prompt= require('prompt-sync')();
2 let num1=parseInt(prompt("Enter a Number 1:"));
3 let num2=parseInt(prompt("Enter a Number 2:"));
4 if(num1&&num2>=0){
5     console.log("Addition:+ \n Subtraction:- \n Division: / \n Multiplication: * \n ")
6     let operation=prompt("Enter The Operation: ");
7     switch(operation){
8         case "+":
9             console.log("Addition:",num1+num2);
10            break;
11        case "-":
12            console.log("Subtraction: ",num1-num2);
13            break;
14        case "/":
15            if(num2!=0){
16                console.log("Division:",num1/num2);
17                break;
18            }
19            else{
20                console.log("Division with Zero is not possible");
21            }
22            break;
23        case "*":
24            console.log("Multiplication:",num1*num2)
```

The TERMINAL panel at the bottom shows the execution of the script:

```
PS C:\Users\rajes\Desktop\project\intern\agile tribe intern\Sprint II JS\job simulation> node jobsimulation.js
Enter a Number 1:32
Enter a Number 2:45
Addition:+
Subtraction:-
Division: /
Multiplication: *

Enter The Operation: *
Multiplication: 1440
PS C:\Users\rajes\Desktop\project\intern\agile tribe intern\Sprint II JS\job simulation>
```

The status bar at the bottom indicates the current position is Line 15, Column 25, with 4 spaces, UTF-8 encoding, and CRLF line endings. The language is identified as JavaScript.

File Edit Selection View Go Run Terminal Help

Untitled (Workspace)

EXPLORER

job simulation > JS jobsimulation.js x {} package.json <> task1.html JS task1.js JS PreAss4.js

OPEN EDITORS

- jobsimulation.html
- JS jobsimulation.js
- package.json
- task1.html C:\Users\rajes\Desktop\pr...
- JS task1.js C:\Users\rajes\Desktop\pr...
- JS PreAss4.js C:\Users\rajes\Desktop...

UNTITLED (WORKSPACE)

- job simulation
- > node_modules
- Job Simulation.pdf
- jobSimulation Output.pdf
- jobsimulation.html
- JS jobsimulation.js
- package-lock.json
- package.json

```
1 var prompt= require('prompt-sync')();
2 let num1=parseInt(prompt("Enter a Number 1:"));
3 let num2=parseInt(prompt("Enter a Number 2:"));
4 if(num1&&num2>=0){
5     console.log("Addition:+ \n Subtraction:- \n Division: / \n Multiplication: * \n ")
6     let operation=prompt("Enter The Operation: ");
7     switch(operation){
8         case "+":
9             console.log("Addition:",num1+num2);
10            break;
11        case "-":
12            console.log("Subtraction: ",num1-num2);
13            break;
14        case "/":
15            if(num2!=0){
16                console.log("Division:",num1/num2);
17                break;
18            }
19            else{
20                console.log("Division with Zero is not possible");
21            }
22            break;
23        case "*":
24            console.log("Multiplication:",num1*num2)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

powerShell + - - - ^ x

```
Enter a Number 1:32
Enter a Number 2:45
Addition:+
Subtraction:-
Division: /
Multiplication: *

Enter The Operation: *
Multiplication: 1440
PS C:\Users\rajes\Desktop\project\intern\agile tribe intern\Sprint II JS\job simulation> node jobsimulation.js
Enter a Number 1:21
Enter a Number 2:h
Enter Numbers correctly
PS C:\Users\rajes\Desktop\project\intern\agile tribe intern\Sprint II JS\job simulation>
```

Ln 15, Col 25 Spaces: 4 UTF-8 CRLF {} JavaScript Go Live

File Edit Selection View Go Run Terminal Help

Untitled (Workspace)

node +

Ln 15, Col 25 Spaces: 4 UTF-8 CRLF {} JavaScript Go Live

EXPLORER

jobsimulation.html JS jobsimulation.js package.json task1.html JS task1.js JS PreAss4.js

OPEN EDITORS

jobsimulation.html JS jobsimulation.js package.json task1.html JS task1.js JS PreAss4.js

UNTITLED (WORKSPACE)

job simulation

node_modules Job Simulation.pdf jobSimulation Output.pdf jobsimulation.html JS jobsimulation.js package-lock.json package.json

OUTLINE

TIMELINE

job simulation > JS jobsimulation.js > ...

```
1 var prompt= require('prompt-sync')();
2 let num1=parseInt(prompt("Enter a Number 1:"));
3 let num2=parseInt(prompt("Enter a Number 2:"));
4 if(num1&&num2>=0){
5     console.log("Addition:+ \n Subtraction:- \n Division: / \n Multiplication: * \n ")
6     let operation=prompt("Enter The Operation: ");
7     switch(operation){
8         case "+":
9             console.log("Addition:",num1+num2);
10            break;
11         case "-":
12            console.log("Subtraction: ",num1-num2);
13            break;
14         case "/":
15            if(num2!=0){
16                console.log("Division:",num1/num2);
17                break;
18            }
19            else{
20                console.log("Division with Zero is not possible");
21            }
22            break;
23         case "*":
24            console.log("Multiplication:",num1*num2)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

node +

Enter a Number 2:45
Addition:+
Subtraction:-
Division: /
Multiplication: *

Enter The Operation: *
Multiplication: 1440

PS C:\Users\rajes\Desktop\project\intern\agile tribe intern\sprint II JS\job simulation> node jobsimulation.js
Enter a Number 1:21
Enter a Number 2:h
Enter Numbers correctly

PS C:\Users\rajes\Desktop\project\intern\agile tribe intern\sprint II JS\job simulation> node jobsimulation.js
Enter a Number 1:

File Edit Selection View Go Run Terminal Help

Untitled (Workspace)

EXPLORER

job simulation > JS job simulation.js x {} package.json <> task1.html JS task1.js JS PreAss4.js

OPEN EDITORS

- job simulation.html
- JS job simulation.js
- package.json
- task1.html C:\Users\rajes\Desktop\pr...
- JS task1.js C:\Users\rajes\Desktop\pr...
- JS PreAss4.js C:\Users\rajes\Desktop...

UNTITLED (WORKSPACE)

- job simulation
- > node_modules
- Job Simulation.pdf
- jobSimulation Output.pdf
- job simulation.html
- JS job simulation.js
- package-lock.json
- package.json

```
1 var prompt= require('prompt-sync')();
2 let num1=parseInt(prompt("Enter a Number 1:"));
3 let num2=parseInt(prompt("Enter a Number 2:"));
4 if(num1&&num2>=0){
5     console.log("Addition:+ \n Subtraction:- \n Division: / \n Multiplication: * \n ")
6     let operation=prompt("Enter The Operation: ");
7     switch(operation){
8         case "+":
9             console.log("Addition:",num1+num2);
10            break;
11        case "-":
12            console.log("Subtraction: ",num1-num2);
13            break;
14        case "/":
15            if(num2!=0){
16                console.log("Division:",num1/num2);
17                break;
18            }
19            else{
20                console.log("Division with Zero is not possible");
21            }
22            break;
23        case "*":
24            console.log("Multiplication:",num1*num2)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

powerShell + - - - ^ x

```
Enter a Number 1:21
Enter a Number 2:h
Enter Numbers correctly
PS C:\Users\rajes\Desktop\project\intern\agile tribe intern\sprint II JS\job simulation> node job simulation.js
Enter a Number 1:32
Enter a Number 2:56
Addition:+
Subtraction:-
Division: /
Multiplication: *

Enter The Operation: /
Division: 0.5714285714285714
PS C:\Users\rajes\Desktop\project\intern\agile tribe intern\sprint II JS\job simulation>
```

Ln 15, Col 25 Spaces: 4 UTF-8 CRLF {} JavaScript Go Live