

The screenshot shows the Visual Studio Code editor with a file explorer on the left. The file explorer shows a project named 'KARKA' with a folder 'day1' containing a 'practice' folder. Inside 'practice', there is a file 'index.js'. The main editor window displays the content of 'index.js', which is a JavaScript file with 24 lines of code. The code includes comments for tasks 1 through 4, and uses `console.log` to output 'hello world', 'aswin', and some variables. The terminal at the bottom shows the command prompt in PowerShell, where the user has navigated to the 'day1/practice' directory and run `node index`, resulting in the output 'hello world' and 'aswin'.

```
day1 > practice > JS index.js
1 // task1,
2 console.log("hello world")
3
4 //task2
5 console.log("aswin")
6
7 // task3
8 // let name = ("aswin")
9 // let age = (22)
10 // console.log("my name is",name)
11 // console.log("my age is",age)
12
13 // task 4
14 // let name = ("aswin")
15 // let age = (22)
16 // console.log("my name is",name)
17 // console.log("my age is",age)
18 // let weight = (44.5)
19 // let marital_status = ("No")
20 // console.log("my name is",name)
21 // console.log("my age is",age)
22 // console.log("my weight is",weight)
23 // console.log("my marital_status is",marital_status)
24
```

PS D:\karka> cd day1
PS D:\karka\day1> cd practice
PS D:\karka\day1\practice> node index
hello world
aswin
PS D:\karka\day1\practice>

This screenshot shows the same Visual Studio Code editor window, but with more code executed in the terminal. The file explorer and editor content are identical to the first screenshot. The terminal now shows the output of the second `node index` command, which includes 'my name is aswin' and 'my age is 22'.

```
day1 > practice > JS index.js > ...
1 // task1,
2 console.log("hello world")
3
4 //task2
5 console.log("aswin")
6
7 // task3
8 let name = ("aswin")
9 let age = (22)
10 console.log("my name is",name)
11 console.log("my age is",age)
12
13 // task 4
14 // let name = ("aswin")
15 // let age = (22)
16 // console.log("my name is",name)
17 // console.log("my age is",age)
18 // let weight = (44.5)
19 // let marital_status = ("No")
20 // console.log("my name is",name)
21 // console.log("my age is",age)
22 // console.log("my weight is",weight)
23 // console.log("my marital_status is",marital_status)
24
```

PS D:\karka> cd day1
PS D:\karka\day1> cd practice
PS D:\karka\day1\practice> node index
hello world
aswin
PS D:\karka\day1\practice> node index
my name is aswin
my age is 22
PS D:\karka\day1\practice>

VS Code editor showing a JavaScript file named `index.js` in the `day1\practice` directory. The file contains tasks 1 through 5, which define variables for `name`, `age`, `weight`, and `marital_status`, and log them to the console. The terminal shows the output of running `node index`, displaying the following values:

```
my age is 22
my name is aswin
my age is 22
my weight is 44.5
my marital_status is NO
PS D:\karka\day1\practice> node index
my name is aswin
my age is 22
my weight is 44.5
my marital_status is NO
PS D:\karka\day1\practice>
```

VS Code editor showing the same JavaScript file named `index.js` in the `day1\practice` directory. The file contains tasks 6 through 8, which define variables for `name`, `age`, `weight`, and `marital_status`, and log them to the console. The terminal shows the output of running `node index`, displaying the following values:

```
my age is 22
my weight is 44.5
my marital_status is NO
PS D:\karka\day1\practice> node index
my name is aswin
my age is 22
my weight is 44.5
my marital_status is NO
PS D:\karka\day1\practice> node index
my name is aswin my age is 22 my weight is 44.5 my marital_status is NO
PS D:\karka\day1\practice>
```

The screenshot shows the VS Code editor with a file explorer on the left. The file explorer shows a project named 'KARKA' with a folder 'day1\practice' containing several JavaScript files. The active file is 'index.js'. The code in the editor is as follows:

```
1 // task1,
24 // let name = ( aswin )
25 // let age = (22)
26 // let weight = (44.5)
27 // let marital_status = ("NO")
28 // console.log("my name is",name , "my age is", age, "my weight is",weight,"my marital_status is",marital
29
30 // task7
31 console.log("")
32 console.log("")
33 console.log("****")
34 console.log("*****")
35
36 // task8
37
38 //
39
40
41
42
```

The terminal at the bottom shows the output of running the code:

```
my age is 22
my weight is 44.5
my marital_status is NO
PS D:\karka\day1\practice> node index
my name is aswin my age is 22 my weight is 44.5 my marital_status is NO
PS D:\karka\day1\practice> node index
*
****
*****
PS D:\karka\day1\practice>
```

The screenshot shows the VS Code editor with the same file explorer. The active file is 'index.js'. The code in the editor is as follows:

```
38 //
39
40
41 //task11
42
43 let name = "Aswin"
44 let age = 24
45 let dob = "2000-05-15"
46 let height = 5.9;
47 let weight = 68.5;
48 let degree = "B.Tech in Computer Science"
49 let gender = "Male"
50 console.log("Name:", name)
51 console.log("Age:", age)
52 console.log("Date of Birth:", dob)
53 console.log("Height:", height, "ft")
54 console.log("Weight:", weight, "kg")
55 console.log("Degree:", degree)
56 console.log("Gender:", gender)
57
58
```

The terminal at the bottom shows the output of running the code:

```
**
***
****
Name: Aswin
Age: 24
Date of Birth: 2000-05-15
Height: 5.9 ft
Weight: 68.5 kg
Degree: B.Tech in Computer Science
Gender: Male
PS D:\karka\day1\practice>
```

The screenshot shows the VS Code editor with a file named `index.js` open. The file contains the following code:

```
33 // console.log("****")
34 // console.log("*****")
35
36 // task8
37
38 let num1 = 20;
39 let num2 = 5;
40 let addition = num1 + num2;
41 let subtraction = num1 - num2;
42 let multiplication = num1 * num2;
43 let division = num1 / num2;
44 console.log("Addition:", addition);
45 console.log("Subtraction:", subtraction);
46 console.log("Multiplication:", multiplication);
47 console.log("Division:", division);
48
49 //task11
50
51 // let name = "Aswin"
52 // let age = 24
53 // let dob = "2000-05-15"
54 // let height = 5.9;
55 // let weight = 68.5;
56 // let degree = "B.Tech in Computer Science"
```

The terminal window at the bottom shows the output of the code:

```
PS D:\karka\day1\practice> node index
PS D:\karka\day1\practice> node index
PS D:\karka\day1\practice> node index
PS D:\karka\day1\practice> node index
Addition: 25
Subtraction: 15
Multiplication: 100
Division: 4
PS D:\karka\day1\practice>
```

The screenshot shows the VS Code editor with a file named `index.js` open. The file contains the following code:

```
46 // console.log("Multiplication:", multiplication)
47 // console.log("Division:", division)
48
49 //task9
50
51
52 let name = "Aswin";
53 let age = 24;
54 let isStudent = true;
55 console.log("Name:", name);
56 console.log("Age:", age);
57 console.log("Is Student:", isStudent);
58
59 name = "rishi";
60 age = age + 1;
61 isStudent = !isStudent;
62 console.log("Updated Name:", name);
63 console.log("Updated Age:", age);
64 console.log("Updated Is Student:", isStudent);
65
66 //task11
67
68 // let name = "Aswin"
69 // let age = 24
```

The terminal window at the bottom shows the output of the code:

```
Subtraction: 15
Multiplication: 100
Division: 4
PS D:\karka\day1\practice> node index
Name: Aswin
Age: 24
Is Student: true
Updated Name: rishi
Updated Age: 25
Updated Is Student: false
PS D:\karka\day1\practice>
```