



The image shows a Visual Studio Code editor window with a dark theme. The top toolbar includes icons for file operations, search, and window management. The search bar contains the text "jsclasses". The editor has a single tab open for "JS task1.js". The code in the editor is as follows:

```
1 // //Task 1: Greeting Function
2 // Scenario: Create a function that takes a name as an argument and return
3 // Task:
4 // Define a function greet that takes one parameter name.
5 // The function should print a greeting message like "Hello, [name]!".
6 // Call the function with different names and print the results.
7
8
9 function greet(name){
10     console.log("hello "+name+" welcome to our website");
11 }
12
13 greet("karthik")
```

The bottom panel shows the "OUTPUT" view with the following text:

```
[Running] node "c:\Users\allem\OneDrive\Desktop\frontend10k\jsclasses\day10js\task1.js"
hello karthik welcome to our website

[Done] exited with code=0 in 0.122 seconds
```

jsclasses

JS task2.js U X

day10js > JS task2.js > ...

1 // Task 2: Sum Function

2 // Scenario: Create a function that takes two numbers as arguments and ret

3 // Task:

4 // Define a function sum that takes two parameters a and b.

5 // The function should return the sum of a and b.

6 // Call the function with different numbers and print the results.

7

8

9 function sum(a,b){

10 console.log("the sum of a and b is:",a+b);

11

12

13

14 }

15 sum(20,30)

Run Code (Ctrl+Alt+N)

SQL CONSOLE GITLENS PROBLEMS OUTPUT ...

Code

[Running] node "c:\Users\allem\OneDrive\Desktop\frontend10k\jsclasses\day10js\task1.js"

hello karthik welcome to our website

[Done] exited with code=0 in 0.122 seconds

[Running] node "c:\Users\allem\OneDrive\Desktop\frontend10k\jsclasses\day10js\task2.js"

the sum of a and b is: 50

[Done] exited with code=0 in 0.109 seconds

JS task4.js U X

day10js > JS task4.js > avg

```
5 // Define a function average that takes one parameter arr.
6 // The function should return the average of the numbers in arr.
7 // Call the function with different arrays and print the results.
8
9
10 var sum=0
11 function avg(arr){
12     for (i =0;i<arr.length;i++){
13         sum+=arr[i]
14         average=sum/arr.length
15     }
16 }
17
18 avg([2,5,6,4,8,6])
19 console.log("the sum of the list is:",sum);
20 console.log("the avarage of given list is:",average)
21
```

SQL CONSOLE GITLENS PROBLEMS OUTPUT ...

Code

the sum of a and b is: 50

[Done] exited with code=0 in 0.109 seconds

[Running] node "c:\Users\allem\OneDrive\Desktop\frontend10k\jsclasses\day10js\task3.js" 9

[Done] exited with code=0 in 0.101 seconds

[Running] node "c:\Users\allem\OneDrive\Desktop\frontend10k\jsclasses\day10js\task4.js"
the sum of the list is: 31
the avarage of given list is: 5.166666666666667

[Done] exited with code=0 in 0.121 seconds

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← →

jsclasses

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JS task5.js U ✕

▶ ⌂ 🔍 ☐ ...

day10js > JS task5.js > ...

```
13
14 function finding(word){
15     vowels=['a','e','i','o','u'];
16
17     vowel=false;
18
19     for(var i=0;i<word.length;i++){
20         if(vowels.includes(word[i])){
21             vowel=true;
22             break;
23         }
24     }
25
26     if(vowel){
27         return `${word} it has vowels`
28     }
29
30
31
```

SQL CONSOLE GITLENS PROBLEMS OUTPUT ...

Code ▾ 🔒 ... ^ ✕

```
[Running] node "c:\Users\allem\OneDrive\Desktop\frontend10k\jsclasses\day10js\task4.js"
the sum of the list is: 31
the avarage of given list is: 5.166666666666667

[Done] exited with code=0 in 0.121 seconds

[Running] node "c:\Users\allem\OneDrive\Desktop\frontend10k\jsclasses\day10js\task5.js"
hll it does not have vowels
hello it has vowels
karthik it has vowels
sai it has vowels
john it has vowels

[Done] exited with code=0 in 0.099 seconds
```

JS task6.js U X

day10js > JS task6.js > ...

```
11 function tempconverter(temp,scale){
12
13     if (scale=="f"){
14         var fah=(temp*9/5)+32;
15         return `${temp} is converted into ${fah} fahrenheit`
16     }
17
18     else if(scale=="c"){
19         var cel= (temp-32)*5/9;
20         return `${temp} is converted into ${cel} celsius`
21     }
22
23 }
24 else{
25     return "invalid input ! please enter either Celsius or fahrenheit"
26 }
27
28 }
29
30 console.log(tempconverter(32,"f"));
31 console.log(tempconverter(35,"c"));
32 console.log(tempconverter(30));
```

SQL CONSOLE

GITLENS

PROBLEMS

OUTPUT

...

Code

[Done] exited with code=0 in 0.099 seconds

[Running] node "c:\Users\allem\OneDrive\Desktop\frontend10k\jsclasses\day10js\task6.js"

32 is converted into 89.6 fahrenheit

35 is converted into 1.6666666666666667 celsius

invalid input ! please enter either Celsius or fahrenheit

[Done] exited with code=0 in 0.1 seconds