

JavaScript Task Practice 2

EXPLORER

- JAVAS...
- JS ex1.js
- JS ex2.js
- JS ex3.js
- JS ex4.js
- JS ex5.js
- JS ex6.js
- JS ex7.js
- JS ex8.js
- JS ex9.js
- JS ex10.js
- JS ex11.js
- JS ex12.js
- JS ex13.js
- JS ex14.js
- JS ex15.js
- JS ex16.js

JS ex1.js > ...

```
1 let studentName = "Abhay";
2 let age_of_student = 21;
3
4 console.log("studentName:", studentName);
5 console.log("age_of_student:", age_of_student);
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Filter (e.g. Text, Text, \escape)

C:\Program Files\nodejs\node.exe .\ex1.js

```
studentName: Abhay
age_of_student: 21
```

> OUTLINE

> TIMELINE

Ln 5, Col 48 Spaces: 4 UTF-8 CRLF JavaScript Signed out Go Live tabnine basic Prettier

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JavaScript Task Practice 2

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JS ex2.js > ...

```
1 const PI = 3.14;  
2 PI = 3.1415;  
3  
4 console.log(PI);
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Filter (e.g. Text, I exclude, \escape)

C:\Program Files\nodejs\node.exe .\ex2.js

Uncaught TypeError: Assignment to constant variable.

at <anonymous> (file:///C:/Users/prasa/Desktop/Agile%20Tribes/JavaScript%20Tasks/JavaScript%20Task%20Practice%202/ex2.js:2:4)

at Module.\_compile (node:internal/modules/cjs/loader:1469:14)

at Module.\_extensions..js (node:internal/modules/cjs/loader:1548:10)

at Module.load (node:internal/modules/cjs/loader:1288:32)

at Module.\_load (node:internal/modules/cjs/loader:1104:12)

at executeUserEntryPoint (node:internal/modules/run\_main:174:12)

at <anonymous> (node:internal/main/run\_main\_module:28:49)

Process exited with code 1

> OUTLINE

> TIMELINE

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JavaScript Task Practice 2

EXPLORER

JS ex1.js JS ex2.js JS ex3.js JS ex4.js JS ex5.js JS ex6.js JS ex7.js JS ex8.js

JAVASCRIPT TASK PRACTI...

JS ex3.js > ...

```
1 let fruits = ["Apple", "Banana", "Orange"];
2 console.log(fruits[0]);
3 fruits.push("Grapes");
4 console.log(fruits);
5 fruits.pop();
6 console.log(fruits);
7 fruits.unshift("Pineapple");
8 console.log(fruits);
9
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

C:\Program Files\nodejs\node.exe .\ex3.js

Apple

> (4) ['Apple', 'Banana', 'Orange', 'Grapes']

> (3) ['Apple', 'Banana', 'Orange']

> (4) ['Pineapple', 'Apple', 'Banana', 'Orange']

OUTLINE

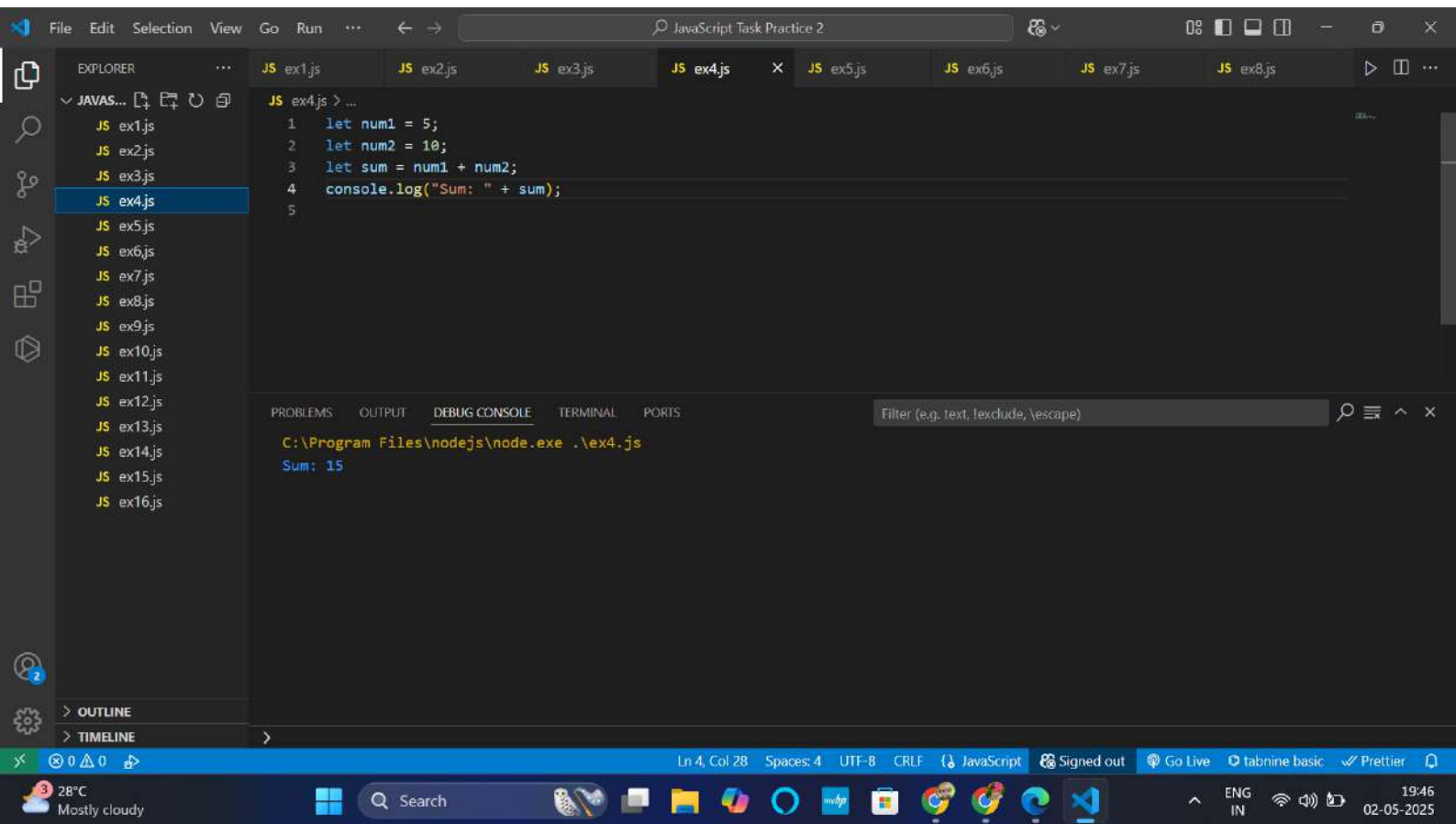
TIMELINE

Ln 8, Col 19 Spaces: 4 UTF-8 CRLF JavaScript Signed out Go Live tabnine basic Prettier

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JavaScript Task Practice 2

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JS ex5.js > ...

```
1 let radius = 7;  
2 let areaOfCircle = Math.PI * Math.pow(radius, 2);  
3 console.log("Area of Circle: " + areaOfCircle);
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Filter (e.g. text, exclude, \escape)

C:\Program Files\nodejs\node.exe .\ex5.js  
Area of Circle: 153.93804002589985

Ln 3, Col 48 Spaces: 4 UTF-8 CRLF JavaScript Signed out Go Live tabnine basic Prettier

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JS ex6.js > ...

```
1 let length = 5;
2 let width = 10;
3 let areaOfRectangle = length * width;
4 console.log("Area of Rectangle: " + areaOfRectangle);
5
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Filter (e.g. Text, Text, \escape)

C:\Program Files\nodejs\node.exe .\ex6.js

Area of Rectangle: 50

Ln 5, Col 1 Spaces: 4 UTF-8 CRLF JavaScript Signed out Go Live tabnine basic Prettier

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JS ex7.js > ...

```
1 let base = 8;
2 let height = 6;
3 let areaOfTriangle = (base * height) / 2;
4 console.log("Area of Triangle: " + areaOfTriangle);
5
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

C:\Program Files\nodejs\node.exe .\ex7.js

Area of Triangle: 24

Ln 5, Col 1 Spaces: 4 UTF-8 CRLF JavaScript Signed out Go Live tabnine basic Prettier

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- JS ex16.js

JS ex8.js > ...

```
1 let num1 = 5;
2 let num2 = 10;
3
4 let add = num1 + num2;
5 let subtract = num1 - num2;
6 let multiply = num1 * num2;
7 let divide = num1 / num2;
8
9 console.log("Addition: " + add);
10 console.log("Subtraction: " + subtract);
11 console.log("Multiplication: " + multiply);
12 console.log("Division: " + divide);
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

C:\Program Files\nodejs\node.exe .\ex8.js

```
Addition: 15
Subtraction: -5
Multiplication: 50
Division: 0.5
```

Ln 12, Col 36 Spaces: 4 UTF-8 CRLF JavaScript Signed out Go Live tabnine basic Prettier

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JavaScript Task Practice 2

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- JS ex1.js
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JS ex9.js > ...

```
1 let num = 10;
2 num += 5;
3 console.log(num);
4 num -= 3;
5 console.log(num);
6 num *= 2;
7 console.log(num);
8 num /= 4;
9 console.log(num);
10
```

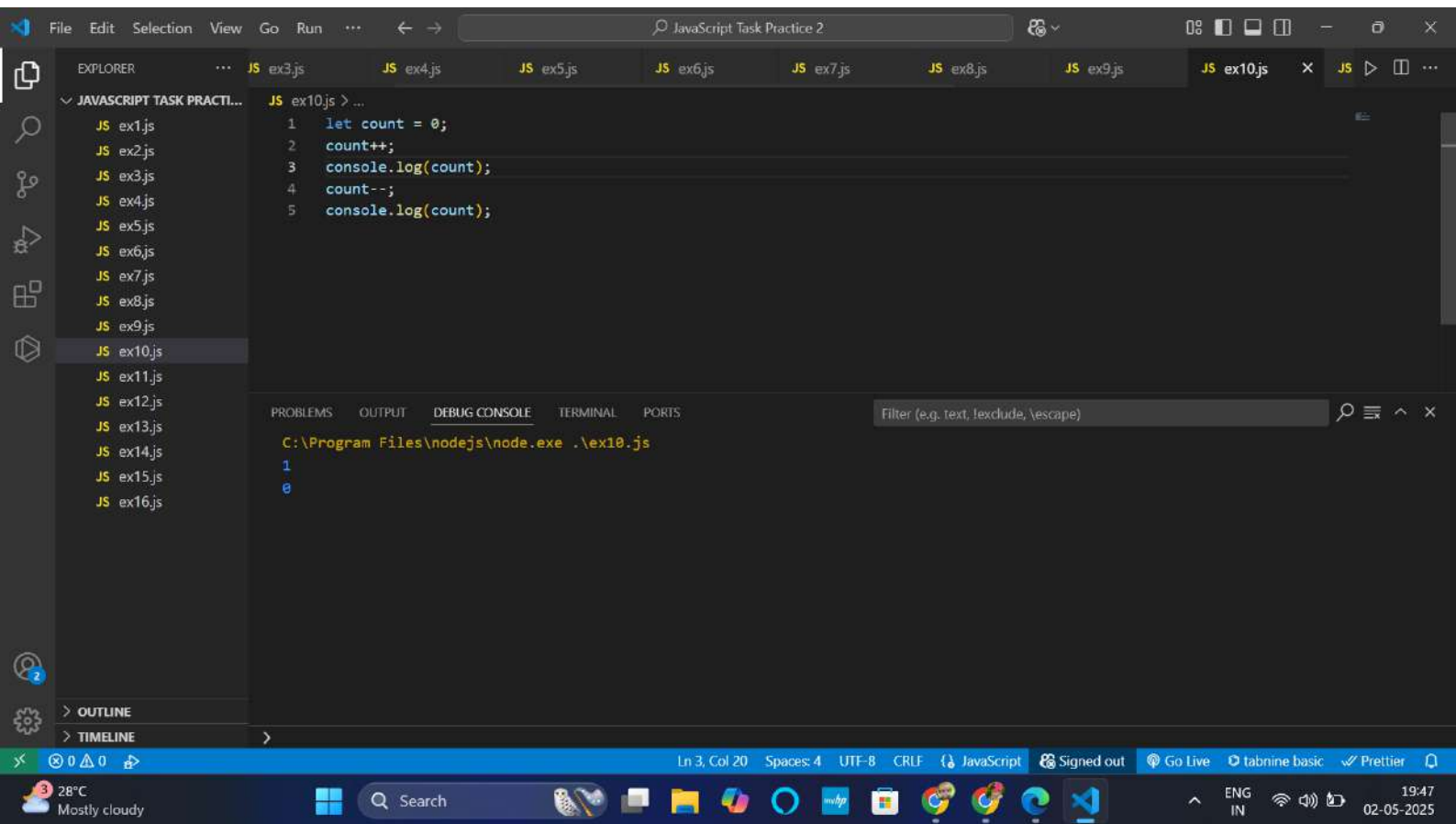
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

C:\Program Files\nodejs\node.exe .\ex9.js

```
15
12
24
6
```

Ln 9, Col 18 Spaces: 4 UTF-8 CRLF JavaScript Signed out Go Live tabnine basic Prettier

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JavaScript Task Practice 2

EXPLORER

JS ex4.js JS ex5.js JS ex6.js JS ex7.js JS ex8.js JS ex9.js JS ex10.js JS ex11.js JS

JAVASCRIPT TASK PRACTI...

JS ex1.js  
JS ex2.js  
JS ex3.js  
JS ex4.js  
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JS ex6.js  
JS ex7.js  
JS ex8.js  
JS ex9.js  
JS ex10.js  
JS ex11.js  
JS ex12.js  
JS ex13.js  
JS ex14.js  
JS ex15.js  
JS ex16.js

JS ex11.js > ...

```
1 let a = 5;  
2 let b = 10;  
3  
4 console.log(a == b);  
5 console.log(a != b);  
6 console.log(a === 5);  
7 console.log(a !== b);  
8 console.log(a > b);  
9 console.log(a >= 5);  
10 console.log(a <= 10);  
11
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Filter (e.g. Text, Text, \escape)

C:\Program Files\nodejs\node.exe .\ex11.js

```
false  
3 true  
false  
2 true
```

> OUTLINE  
> TIMELINE

Ln 3, Col 1 Spaces: 4 UTF-8 CRLF JavaScript Signed out Go Live tabnine basic Prettier

FCH - BOC In 4 hours

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JavaScript Task Practice 2

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- JS ex1.js
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JS ex12.js > ...

```
1 let isStudent = true;
2 let hasGraduated = false;
3
4 console.log(isStudent && hasGraduated);
5 console.log(isStudent || hasGraduated);
6 console.log(!isStudent);
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

C:\Program Files\nodejs\node.exe .\ex12.js

```
false
true
false
```

Ln 6, Col 25 Spaces: 4 UTF-8 CRLF JavaScript Signed out Go Live tabnine basic Prettier

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JS ex13.js > ...

```
1 let x = 5;
2 let y = 10;
3
4 let temp = x;
5 x = y;
6 y = temp;
7
8 console.log("x: " + x);
9 console.log("y: " + y);
10
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Filter (e.g. text, texclude, \escape)

C:\Program Files\nodejs\node.exe .\ex13.js

```
x: 10
y: 5
```

> OUTLINE  
> TIMELINE

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JS ex14.js > ...

```
1 let numbers = [10, 20, 30, 40, 50];
2
3 let sum = 0;
4
5 for (let i = 0; i < numbers.length; i++) {
6     sum += numbers[i];
7 }
8
9 let average = sum / numbers.length;
10 console.log("Average:", average);
11
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

C:\Program Files\nodejs\node.exe .\ex14.js

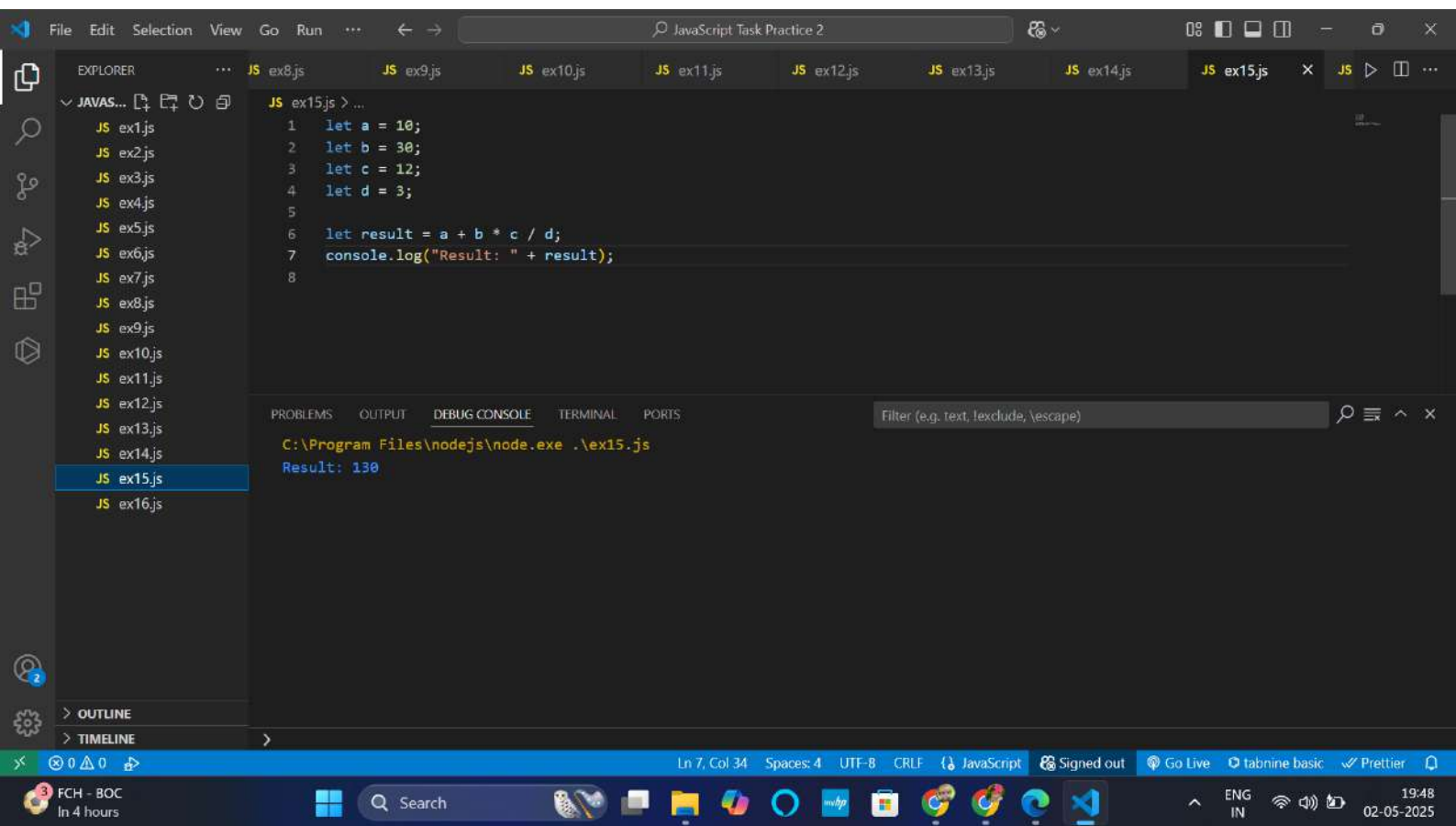
Average: 30

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File Edit Selection View Go Run ... JavaScript Task Practice 2

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JS ex16.js > ...

```
1 let tamil = 85;
2 let english = 90;
3 let maths = 95;
4 let science = 88;
5 let social = 92;
6
7 console.log("Tamil: "+tamil)
8 console.log("englishl: "+english)
9 console.log("maths: "+maths)
10 console.log("science: "+science)
11 console.log("social: "+social)
12
13
14 let totalMarks = tamil + english + maths + science + social;
15 let averageMarks = totalMarks / 5;
16
17 console.log("Total Marks: " + totalMarks);
18 console.log("Average Marks: " + averageMarks);
19
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Filter (e.g. text, texclude, \escape)

```
Tamil: 85
englishl: 90
maths: 95
science: 88
social: 92
Total Marks: 450
Average Marks: 90
```

> OUTLINE  
> TIMELINE

Ln 13, Col 1 Spaces: 4 UTF-8 CRLF JavaScript Signed out Go Live tabnine basic Prettier

FCH - BOC In 4 hours

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