

## Sprint II Task 1 Practices Output

The screenshot shows the VS Code interface with the Explorer panel on the left displaying a list of task files. The main editor area shows the code for Task-1-Practice-2.js. The Output panel at the bottom displays the execution results for both Task-1-Practice-1.js and Task-1-Practice-2.js.

```
1 let a=5;
2 let b=15;
3 console.log('a=5 and b=15');
4 console.log('Addition: ',a+b);
5 console.log('Subtraction: ',a-b);
6 console.log('Multiplication: ',a*b);
7 console.log('Division: ',(a/b).toFixed(2))
```

[Running] node "c:\Users\AKASH ROSHAN\OneDrive\Desktop\INTERNTIRIBE\SPRINT II -Tasks\Task-1-Practice-1.js"  
Hello World!  
[Done] exited with code=0 in 0.46 seconds

[Running] node "c:\Users\AKASH ROSHAN\OneDrive\Desktop\INTERNTIRIBE\SPRINT II -Tasks\Task-1-Practice-2.js"  
a=5 and b=15  
Addition: 20  
Subtraction: -10  
Multiplication: 75  
Division: 0.33  
[Done] exited with code=0 in 0.482 seconds

The screenshot shows the VS Code interface with the Explorer panel on the left displaying a list of task files. The main editor area shows the code for Task-1-Practice-3.js. The Output panel at the bottom displays the execution results for Task-1-Practice-3.js.

```
1 let name="akash";
2 let age=19;
3 let isStudent=true;
4
5 console.log("Name : ",name);
6 console.log("Age : ",age);
7 console.log("Is a student? : ",isStudent);
8
9 name='jeswin';
10 age++;
11 isStudent=false;
12
13 console.log("Name : ",name);
14 console.log("Age : ",age);
15 console.log("Is a student? : ",isStudent)
```

Division: 0.33  
[Done] exited with code=0 in 0.482 seconds

[Running] node "c:\Users\AKASH ROSHAN\OneDrive\Desktop\INTERNTIRIBE\SPRINT II -Tasks\Task-1-Practice-3.js"  
Name : akash  
Age : 19  
Is a student? : true  
Name : jeswin  
Age : 20  
Is a student? : false  
[Done] exited with code=0 in 0.469 seconds

The screenshot shows the VS Code editor with the file explorer on the left displaying a list of tasks from Task-1-Practice-1.js to Task-1-Practice-20.js. The main editor window is open to Task-1-Practice-4.js, which contains the following JavaScript code:

```
1 let name='Akash';
2 let age=19;
3 let dob='14-06-2025';
4 let height='6.5';
5 let weight='50.6';
6 let degree='BE';
7 let gender='Male';
8
9 console.log('Name: ',name1, '('+typeof(name1)+')');
10 console.log('Age: ', age, '('+typeof(age)+')');
11 console.log('DOB: ',dob, '('+typeof(dob)+')');
12 console.log('Height: ',height, '('+typeof(height)+')');
13 console.log('Weight: ',weight, '('+typeof(weight)+')');
14 console.log('Degree: ',degree, '('+typeof(degree)+')');
15 console.log('Gender: ',gender, '('+typeof(gender)+')');
```

The terminal at the bottom shows the execution output:

```
[Done] exited with code=0 in 0.469 seconds

[Running] node "c:\Users\AKASH ROSHAN\OneDrive\Desktop\INTERTRIBE\SPRINT II -Tasks\Task-1-Practice-4.js"
Name:  Akash ( string )
Age:  19 ( number )
DOB:  14-06-2025 ( string )
Height:  6.5 ( string )
Weight:  50.6 ( string )
Degree:  BE ( string )
Gender:  Male ( string )

[Done] exited with code=0 in 0.481 seconds
```

The screenshot shows the VS Code editor with the file explorer on the left displaying a list of tasks from Task-1-Practice-1.js to Task-1-Practice-20.js. The main editor window is open to Task-1-Practice-5.js, which contains the following JavaScript code:

```
1 let b=5;
2 let l=10;
3 let h=23;
4 let w=3;
5
6 areaTri=b*h*0.5;
7 areaRec=l*w;
8
9 console.log('Area of the Triangle is ',areaTri);
10 console.log('Area of the Rectangle is ',areaRec);
```

The terminal at the bottom shows the execution output:

```
DOB:  14-06-2025 ( string )
Height:  6.5 ( string )
Weight:  50.6 ( string )
Degree:  BE ( string )
Gender:  Male ( string )

[Done] exited with code=0 in 0.481 seconds

[Running] node "c:\Users\AKASH ROSHAN\OneDrive\Desktop\INTERTRIBE\SPRINT II -Tasks\Task-1-Practice-5.js"
Area of the Triangle is  57.5
Area of the Rectangle is  30

[Done] exited with code=0 in 0.478 seconds
```

The screenshot shows the VS Code editor with the file explorer on the left displaying a directory named 'SPRINT II - Tasks'. The file 'Task-1-Practice-6.js' is selected. The editor displays the following JavaScript code:

```
1 let a=5;
2 let b=6;
3
4 a=b;
5 console.log(`a = ${a} and b = ${b}`);
6 a+=b;
7 console.log(`a = ${a} and b = ${b}`);
8 a-=b;
9 console.log(`a = ${a} and b = ${b}`);
10 a*=b;
11 console.log(`a = ${a} and b = ${b}`);
12 a/=b;
13 console.log(`a = ${a} and b = ${b}`);
14
```

The output panel at the bottom shows the following text:

```
Area of the Triangle is 57.5
Area of the Rectangle is 30

[Done] exited with code=0 in 0.478 seconds

[Running] node "c:\Users\AKASH ROSHAN\OneDrive\Desktop\INTERNTIRBE\SPRINT II -Tasks\Task-1-Practice-6.js"
a = 5 and b = 6
a = 11 and b = 6
a = 5 and b = 6
a = 30 and b = 6
a = 5 and b = 6

[Done] exited with code=0 in 0.467 seconds
```

The screenshot shows the VS Code editor with the file explorer on the left displaying a directory named 'SPRINT II - Tasks'. The file 'Task-1-Practice-7.js' is selected. The editor displays the following JavaScript code:

```
6 console.log(`a=${a}`);
7
8 let b = 9;
9 let c = '5';
10 console.log(`a = ${a} and b = ${b}`);
11 console.log(`a = ${a} and b = ${b} (==)`, a == b);
12 console.log(`a = ${a} and b = ${b} (!=)`, a != b);
13 console.log(`a = ${a} and b = ${b} (<=)`, a <= b);
14 console.log(`a = ${a} and b = ${b} (>=)`, a >= b);
15
16 console.log(`a = ${a} , b = ${b} , c = ${c} a===b`, a === b);
17 console.log(`a = ${a} , b = ${b} , c = ${c} a===c`, a === c);
18
19 console.log(`a = ${a} , b = ${b} , c = ${c} a!==b`, a !== b);
20 console.log(`a = ${a} , b = ${b} , c = ${c} a!==c`, a !== c);
21
```

The output panel at the bottom shows the following text:

```
[Running] node "c:\Users\AKASH ROSHAN\OneDrive\Desktop\INTERNTIRBE\SPRINT II -Tasks\Task-1-Practice-7.js"
a=5
a=6
a=5
a = 5 and b = 9
a = 5 and b = 9 (==) false
a = 5 and b = 9 (!=) true
a = 5 and b = 9 (<=) true
a = 5 and b = 9 (>=) false
a = 5 , b = 9 , c = 5 a===b false
a = 5 , b = 9 , c = 5 a===c false
a = 5 , b = 9 , c = 5 a!==b true
a = 5 , b = 9 , c = 5 a!==c true

[Done] exited with code=0 in 0.459 seconds
```

The screenshot shows the VS Code editor with the Explorer sidebar on the left displaying a list of files under 'SPRINT II - TASKS'. The file 'Task-1-Practice-8.js' is selected. The main editor area shows the following JavaScript code:

```
1 let a=5;
2 let b=8;
3 console.log(`a = ${a} and b = ${b}`);
4 a+=b;
5 b=a-b;
6 a=a-b;
7 console.log(`a = ${a} and b = ${b}`);
8 c=a;
9 a=b;
10 b=c;
11 console.log(`a = ${a} and b = ${b}`);
```

The Output window at the bottom shows the execution results:

```
[Done] exited with code=1 in 0.471 seconds

[Running] node "c:\Users\AKASH ROSHAN\OneDrive\Desktop\INTERNTIRBE\SPRINT II -Tasks\Task-1-Practice-8.js"
a = 5 and b = 8
a = 8 and b = 5
a = 5 and b = 8

[Done] exited with code=0 in 0.476 seconds
```

The screenshot shows the VS Code editor with the Explorer sidebar on the left displaying a list of files under 'SPRINT II - TASKS'. The file 'Task-1-Practice-9.js' is selected. The main editor area shows the following JavaScript code:

```
1 function add(a,b){
2   return a+b;
3 }
4 function mul(a,b){
5   return a*b;
6 }
7 let num1=5;
8 let num2=8;
9 console.log(`a = ${num1} and b = ${num2}`);
10 console.log('Addition : ',add(num1,num2));
11 console.log('Multiplication : ',mul(num1,num2));
```

The Output window at the bottom shows the execution results:

```
[Done] exited with code=0 in 0.476 seconds

[Running] node "c:\Users\AKASH ROSHAN\OneDrive\Desktop\INTERNTIRBE\SPRINT II -Tasks\Task-1-Practice-9.js"
a = 5 and b = 8
Addition : 13
Multiplication : 40

[Done] exited with code=0 in 0.474 seconds
```

```
1 function fact(n){
2   if(n==0){
3     return 1;
4   }
5   else{
6     return n*fact(n-1);
7   }
8 }
9 num=10;
10 console.log('The number is ',num);
11 console.log('Factorial is ',fact(num));
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Code

Multiplication : 40

[Done] exited with code=0 in 0.474 seconds

[Running] node "c:\Users\AKASH ROSHAN\OneDrive\Desktop\INTERTRIBE\SPRINT II -Tasks\Task-1-Practice-10.js"

The number is 10  
Factorial is 3628800

[Done] exited with code=0 in 0.467 seconds

```
1 function square(a){
2   return a*a;
3 }
4 let a=7;
5 console.log("The number is ",a);
6 console.log("The Square is ",square(a));
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Code

Factorial is 3628800

[Done] exited with code=0 in 0.467 seconds

[Running] node "c:\Users\AKASH ROSHAN\OneDrive\Desktop\INTERTRIBE\SPRINT II -Tasks\Task-1-Practice-11.js"

The number is 7  
The Square is 49

[Done] exited with code=0 in 0.481 seconds

The screenshot shows the VS Code editor with the file explorer on the left displaying a list of tasks. The main editor window shows the code for Task-1-Practice-12.js. The code is as follows:

```
1 console.log('Enter a Number');
2 let a = prompt('');
3 console.log(a);
4 console.log('Even Number');
5 }
6 else{
7   console.log('Odd Number');
8 }
9
10 if(a<0){
11   console.log('Negative Number');
12 }
13 else if(a==0){
14   console.log('Zero');
15 }
16 else{
17   console.log('Positive Number');
18 }
```

The output console at the bottom shows the following output:

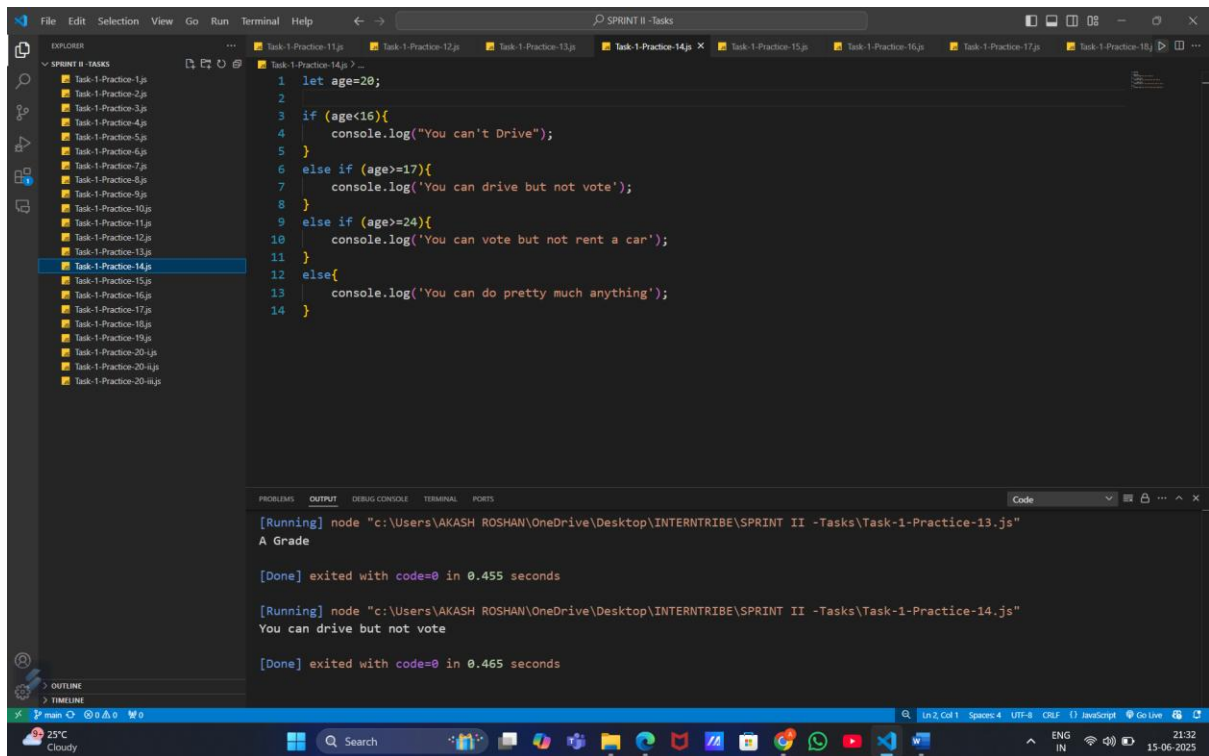
```
The Square is 49
[Done] exited with code=0 in 0.481 seconds
[Running] node "c:\Users\AKASH ROSHAN\OneDrive\Desktop\INTERTRIBE\SPRINT II -Tasks\Task-1-Practice-12.js"
Even Number
Positive Number
[Done] exited with code=0 in 0.508 seconds
```

The screenshot shows the VS Code editor with the file explorer on the left displaying a list of tasks. The main editor window shows the code for Task-1-Practice-13.js. The code is as follows:

```
1 console.log('Enter a Mark');
2 let mark = prompt('');
3 console.log(mark);
4 console.log('A Grade');
5 }
6 else if (mark>=80){
7   console.log('B Grade');
8 }
9 else if (mark>=70){
10   console.log('C Grade');
11 }
12 else if (mark>=60){
13   console.log('D Grade');
14 }
15 else{
16   console.log('F Grade');
17 }
```

The output console at the bottom shows the following output:

```
Even Number
Positive Number
[Done] exited with code=0 in 0.508 seconds
[Running] node "c:\Users\AKASH ROSHAN\OneDrive\Desktop\INTERTRIBE\SPRINT II -Tasks\Task-1-Practice-13.js"
A Grade
[Done] exited with code=0 in 0.455 seconds
```



File Edit Selection View Go Run Terminal Help

SPRINT II -Tasks

Task-1-Practice-11.js Task-1-Practice-12.js Task-1-Practice-13.js Task-1-Practice-14.js Task-1-Practice-15.js Task-1-Practice-16.js Task-1-Practice-17.js Task-1-Practice-18.js

```
1 let age=20;
2
3 if (age<16){
4     console.log("You can't Drive");
5 }
6 else if (age>=17){
7     console.log("You can drive but not vote");
8 }
9 else if (age>=24){
10    console.log("You can vote but not rent a car");
11 }
12 else{
13    console.log("You can do pretty much anything");
14 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Code

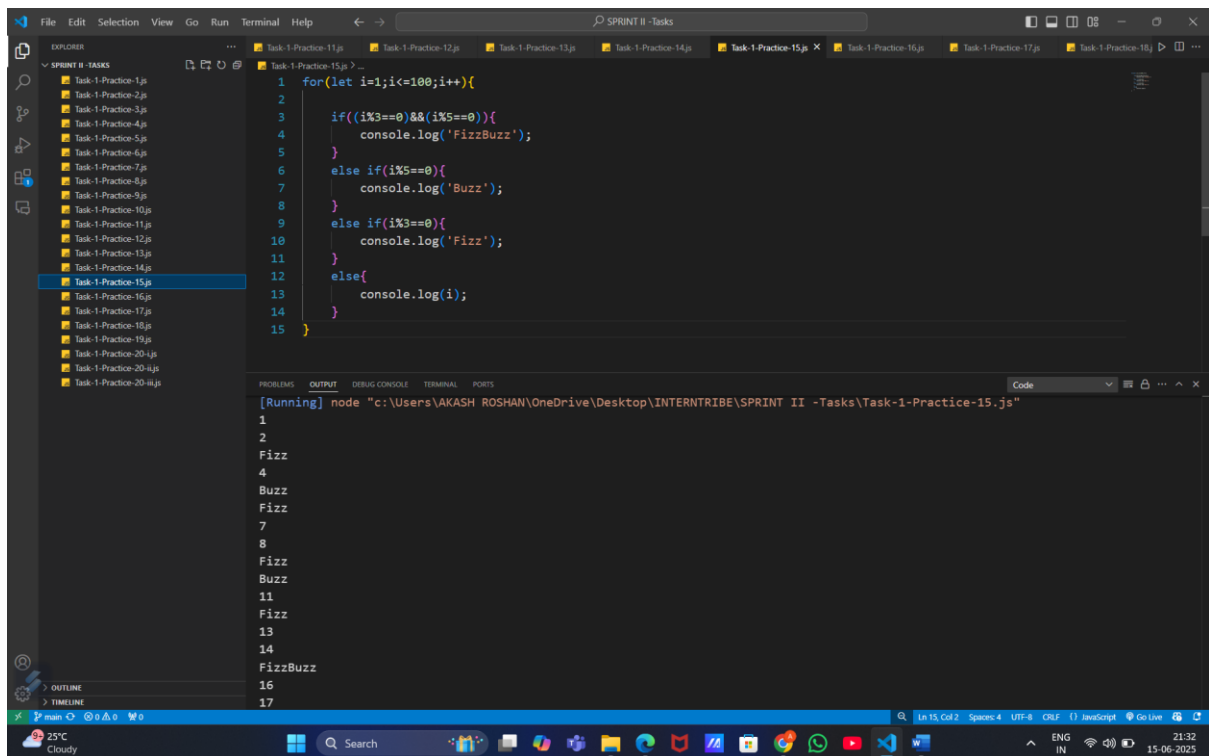
[Running] node "c:\Users\AKASH ROSHAN\OneDrive\Desktop\INTERTRIBE\SPRINT II -Tasks\Task-1-Practice-13.js"  
A Grade

[Done] exited with code=0 in 0.455 seconds

[Running] node "c:\Users\AKASH ROSHAN\OneDrive\Desktop\INTERTRIBE\SPRINT II -Tasks\Task-1-Practice-14.js"  
You can drive but not vote

[Done] exited with code=0 in 0.465 seconds

25°C Cloudy



File Edit Selection View Go Run Terminal Help

SPRINT II -Tasks

Task-1-Practice-11.js Task-1-Practice-12.js Task-1-Practice-13.js Task-1-Practice-14.js Task-1-Practice-15.js Task-1-Practice-16.js Task-1-Practice-17.js Task-1-Practice-18.js

```
1 for(let i=1;i<=100;i++){
2
3     if((i%3==0)&&(i%5==0)){
4         console.log('FizzBuzz');
5     }
6     else if(i%5==0){
7         console.log('Buzz');
8     }
9     else if(i%3==0){
10        console.log('Fizz');
11    }
12    else{
13        console.log(i);
14    }
15 }
```

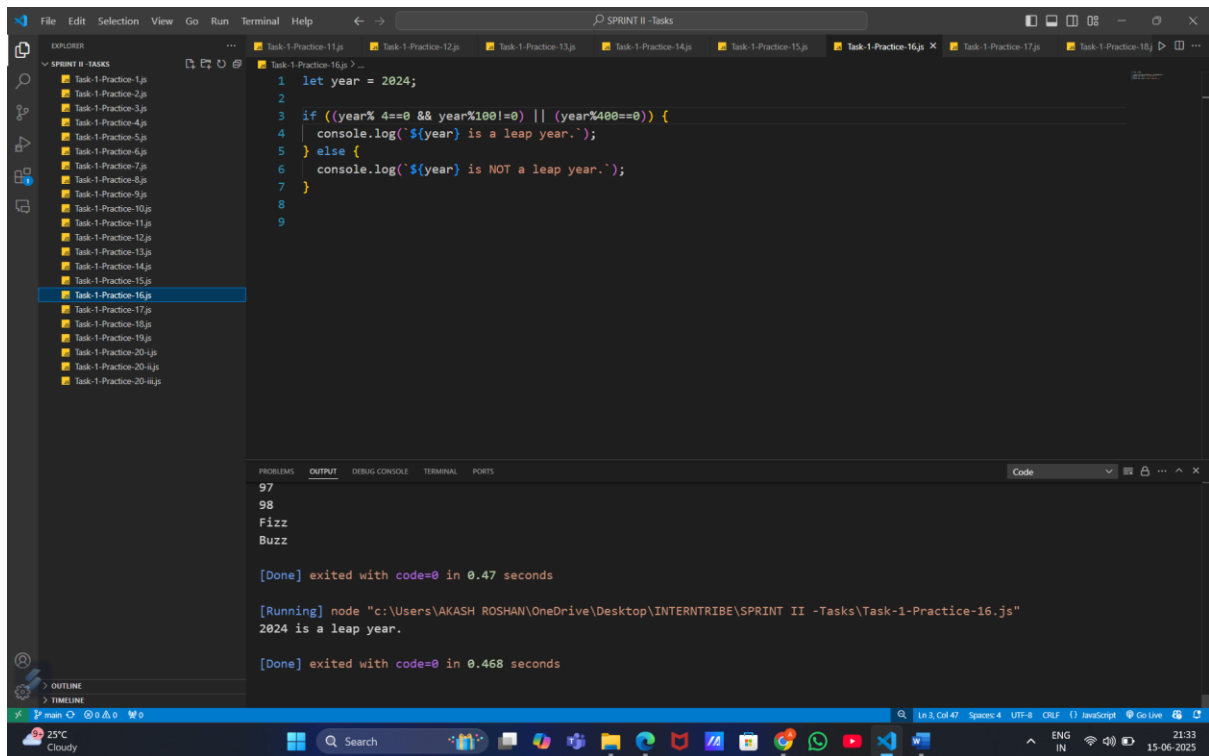
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Code

[Running] node "c:\Users\AKASH ROSHAN\OneDrive\Desktop\INTERTRIBE\SPRINT II -Tasks\Task-1-Practice-15.js"

1  
2  
Fizz  
4  
Buzz  
Fizz  
7  
8  
Fizz  
Buzz  
11  
Fizz  
13  
14  
FizzBuzz  
16  
17

25°C Cloudy



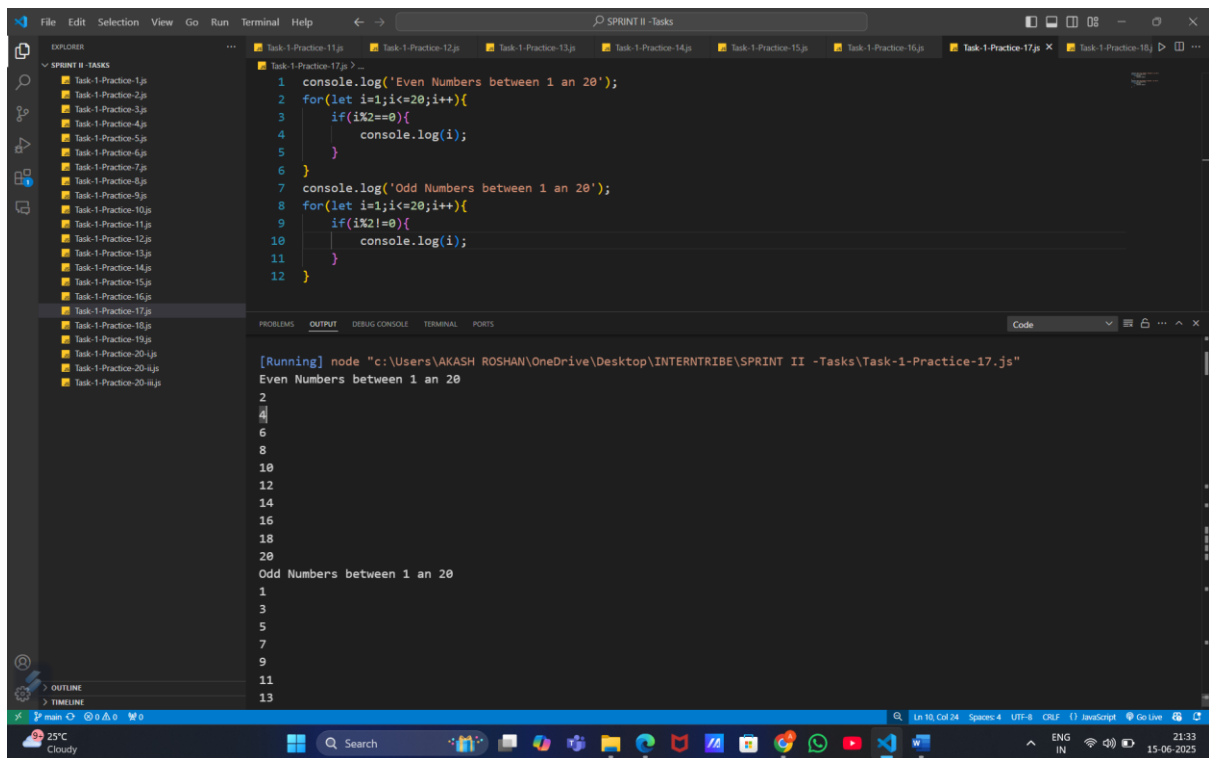
```
1 let year = 2024;
2
3 if ((year%4==0 && year%100!=0) || (year%400==0)) {
4   console.log(`${year} is a leap year.`);
5 } else {
6   console.log(`${year} is NOT a leap year.`);
7 }
8
9
```

97  
98  
Fizz  
Buzz

[Done] exited with code=0 in 0.47 seconds

[Running] node "c:\Users\AKASH ROSHAN\OneDrive\Desktop\INTERNTIRIBE\SPRINT II -Tasks\Task-1-Practice-16.js"  
2024 is a leap year.

[Done] exited with code=0 in 0.468 seconds



```
1 console.log('Even Numbers between 1 an 20');
2 for(let i=1;i<=20;i++){
3   if(i%2==0){
4     console.log(i);
5   }
6 }
7 console.log('Odd Numbers between 1 an 20');
8 for(let i=1;i<=20;i++){
9   if(i%2!=0){
10    console.log(i);
11  }
12 }
```

[Running] node "c:\Users\AKASH ROSHAN\OneDrive\Desktop\INTERNTIRIBE\SPRINT II -Tasks\Task-1-Practice-17.js"

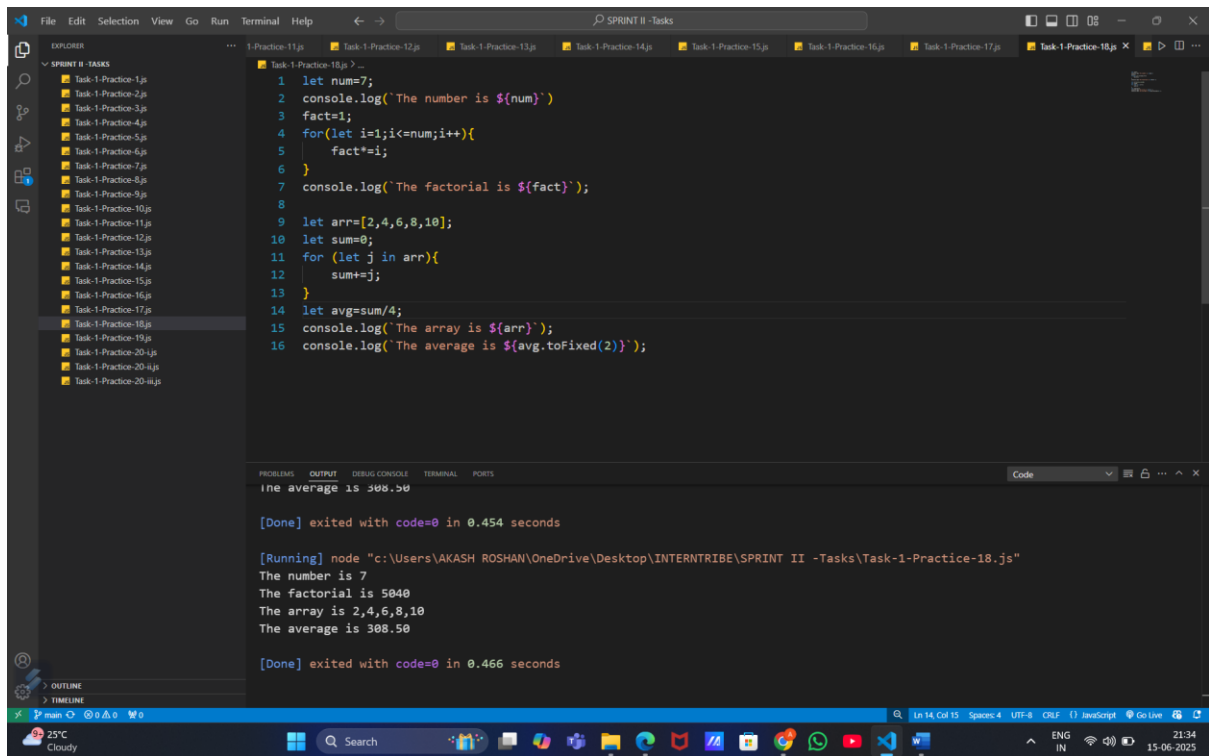
Even Numbers between 1 an 20

2  
4  
6  
8  
10  
12  
14  
16  
18  
20

Odd Numbers between 1 an 20

1  
3  
5  
7  
9  
11  
13





```
1 let num=7;
2 console.log(`The number is ${num}`);
3 fact=1;
4 for(let i=1;i<=num;i++){
5     fact*=i;
6 }
7 console.log(`The factorial is ${fact}`);
8
9 let arr=[2,4,6,8,10];
10 let sum=0;
11 for (let j in arr){
12     sum+=j;
13 }
14 let avg=sum/4;
15 console.log(`The array is ${arr}`);
16 console.log(`The average is ${avg.toFixed(2)}`);
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Code

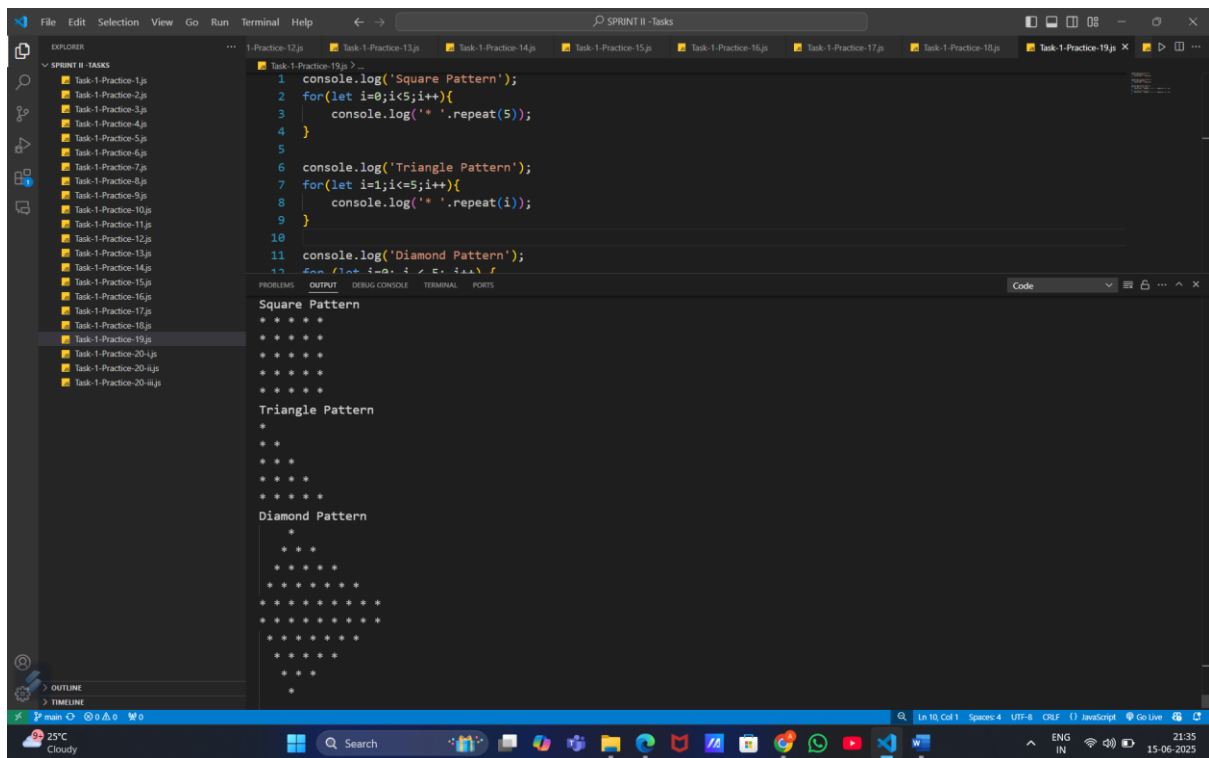
line average is 308.50

[Done] exited with code=0 in 0.454 seconds

[Running] node "c:\Users\AKASH ROSHAN\OneDrive\Desktop\INTERNTIRBE\SPRINT II -Tasks\Task-1-Practice-18.js"

The number is 7  
The factorial is 5040  
The array is 2,4,6,8,10  
The average is 308.50

[Done] exited with code=0 in 0.466 seconds



```
1 console.log('Square Pattern');
2 for(let i=0;i<5;i++){
3     console.log('* '.repeat(5));
4 }
5
6 console.log('Triangle Pattern');
7 for(let i=1;i<=5;i++){
8     console.log('* '.repeat(i));
9 }
10
11 console.log('Diamond Pattern');
12 for(let i=0;i<5;i++){
13     console.log('* '.repeat(i));
14 }
15
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Code

Square Pattern

```
*****
*****
*****
*****
*****
```

Triangle Pattern

```
*
* *
* * *
* * * *
* * * * *
```

Diamond Pattern

```

 *
* *
* * *
* * * *
*****
* * * *
* * *
* *
 *
```

```
1 let x = [23, 4, -6, 23, -9, 21, 3, -45, -8];
2 console.log('The array is ',x);
3 console.log('Positive numbers');
4 for (i of x){
5   if (i>0){
6     console.log(i);
7   }
8 }
9 console.log('Negative numbers');
10 for (i of x){
11   if (i<0){
```

[Done] exited with code=0 in 0.461 seconds

[Running] node "c:\Users\AKASH ROSHAN\OneDrive\Desktop\INTERNTIRBE\SPRINT II -Tasks\Task-1-Practice-20-i.js"

The array is [
23, 4, -6, 23, -9,
21, 3, -45, -8
]

Positive numbers
23
4
23
21
3

Negative numbers
-6
-9
-45
-8

[Done] exited with code=0 in 0.47 seconds

```
1 let char='a';
2 let vowels=['a','e','i','o','u'];
3 if (vowels.includes(char)){
4   console.log('Vowel');
5 }
6 else{
7   console.log('Consonant');
8 }
```

[Done] exited with code=0 in 0.47 seconds

[Running] node "c:\Users\AKASH ROSHAN\OneDrive\Desktop\INTERNTIRBE\SPRINT II -Tasks\Task-1-Practice-20-ii.js"

Vowel

[Done] exited with code=0 in 0.478 seconds

