

Sprint-2 Task-1

Task-1

```
PS C:\Users\User\OneDrive\Desktop\Sprint2-task1> node task1.js  
Hello,World!
```

Task-2

```
PS C:\Users\User\OneDrive\Desktop\Sprint2-task1> node task2.js  
Addition: 12  
Subtraction: 2  
Multiplication: 35  
Division: 1.4
```

Task-3

127.0.0.1:5500 says

Enter your name:

127.0.0.1:5500 says

Enter your age:

127.0.0.1:5500 says

Are you a student? (yes/no):

yes

OK

Cancel

127.0.0.1:5500 says

Enter a new name to update:

Raja

OK

Cancel

Console

top Filter Default level

Initial:

Name: Ravi

Age: 12

isStudent: true

Updation:

Name: Raja

Age: 13

isStudent: false

Live reload enabled.

Task-4

```
PS C:\Users\User\OneDrive\Desktop\Sprint2-task1> node task4.js
User Details:
Name: Ram
Age: 19
Date of Birth: 07-May-2006
Height: 175.5cm
Weight: 70.25kg
Degree: Bachelor of Engineering
Gender: Male
```

Task-5

127.0.0.1:5500 says

Enter the length of the rectangle:

OK

Cancel

127.0.0.1:5500 says

Enter the width of the rectangle:

OK

Cancel

127.0.0.1:5500 says

Enter the base of the triangle:

OK

Cancel

127.0.0.1:5500 says

Enter the height of the triangle:

OK

Cancel

Console



top ▼



Filter

Rectangle Area=21

Triangle Area=0.5

Task-6

```
PS C:\Users\User\OneDrive\Desktop\Sprint2-task1> node task6.js
Initial value:10
Addition:15
Subtraction:12
Multiplication:24
Division:6
```

Task-7

```
Initial var value
variable=5
increment:6
decrement:5
Values
a=10 type:number
b=10 type:string
Comparisons:
a==b:true
a===b:false
a!=b:false
a!==b:true
a>b:false
a<b:false
a>=b:true
a<=b:true
```

Task-8

```
PS C:\Users\User\OneDrive\Desktop\Sprint2-task1> node task8.js
Before swapping:
a=5,b=10
After swapping:
a=10,b=5
```

Task-9

```
PS C:\Users\User\OneDrive\Desktop\Sprint2-task1> node task9.js
Addition:
5,3:8
10,-2:8
Multiplication:
4,3:12
7,0:0
```

Task-10

```
PS C:\Users\User\OneDrive\Desktop\Sprint2-task1> node task10.js
Factorial Results:
factorial(0)=1
factorial(1)=1
factorial(5)=120
factorial(7)=5040
factorial(-3)=-1
```

Task-11




```
PS C:\Users\User\OneDrive\Desktop\Sprint2-task1> node task11.js
square of 3:9
square of 0:0
square of 7:49
square of -4:16
```

Task-12

127.0.0.1:5500 says

Enter a number:

Console

  top ▼  Filter

7 is positive



7 is Odd

Task-13

127.0.0.1:5500 says

Enter the mark

Console

  top ▼

Grade:C

Task-14




127.0.0.1:5500 says

Enter the age

OK

Cancel

Console

  top ▼  Filter

You can drive but not vote

Task-15

```
PS C:\Users\User\OneDrive\Desktop\Sprint2-task1> node task15.js
1
2
Fizz
4
Buzz
Fizz
7
8
Fizz
Buzz
11
Fizz
13
14
FizzBuzz
16
17
Fizz
19
Buzz
Fizz
22
23
Fizz
Buzz
26
Fizz
28
29
FizzBuzz
31
32
Fizz
34
Buzz
```

```
34
Buzz
Fizz
37
38
Fizz
Buzz
41
Fizz
43
44
FizzBuzz
46
47
Fizz
49
Buzz
Fizz
52
53
Fizz
Buzz
56
Fizz
58
59
FizzBuzz
61
62
Fizz
64
Buzz
Fizz
67
```



```
67
68
Fizz
Buzz
71
Fizz
73
74
FizzBuzz
76
77
Fizz
79
Buzz
Fizz
82
83
Fizz
Buzz
86
Fizz
88
89
FizzBuzz
91
92
Fizz
94
Buzz
Fizz
97
98
Fizz
Buzz
95 C:\Users\Hassan\OneDrive\Documents\Exercises
```

Task-16

127.0.0.1:5500 says

Enter the year:

OK Cancel

Console

  top  

2004 is a leap year

task-17

```
PS C:\Users\User\OneDrive\Desktop\Sprint2-task1> node task17.js
Even Numbers from 1 to 20:
2
4
6
8
10
12
14
16
18
20
Odd Numbers from 1 to 20:
1
3
5
7
9
11
13
15
17
19
```

Task-18

```
PS C:\Users\User\OneDrive\Desktop\Sprint2-task1> node task18.js
Factorial of 5 is:120
Average is:30
```

Task-19

```
PS C:\Users\User\OneDrive\Desktop\Sprint2-task1> node task19.js
Right-Angled Triangle:
*
**
***
****
*****

Square Pattern:
*****
*****
*****
*****
*****

Pyramid Pattern:
  *
 ***
*****
*****
*****
*****
```

Task-20

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

PS C:\Users\User\OneDrive\Desktop\Sprint2-task1> node task20.js
Original:23,4,-6,23,-9,21,3,-45,-8
Positive num:23,4,23,21,3
Negative num:-6,-9,-45,-8
e is a vowel
List:10,20,30,40,10
Same:true
```