

Sprint2-Task1

Task1-1

```
PS C:\Users\anies\OneDrive\Desktop\Sprint2 Task-1> node Task1-1.js  
Hello World
```

Task1-2

```
PS C:\Users\anies\OneDrive\Desktop\Sprint2 Task-1> node Task1-2.js  
Number 1: 10  
Number 2: 20  
Addition: 30  
Subtraction: -10  
Multiplication: 200  
Division: 0.5
```

Task1-3

```
PS C:\Users\anies\OneDrive\Desktop\Sprint2 Task-1> node Task1-3.js  
Original Name: Anie  
Original Age: 20  
Original isStudent: true  
Updated Name: Sera  
Updated Age: 21  
Updated isStudent: false
```

Task1-4

```
PS C:\Users\anies\OneDrive\Desktop\Sprint2 Task-1> node Task1-4.js  
Personal Details:  
Name: Anie Shefin  
Age: 20  
Date of Birth: 2005-02-18  
Height: 5.9 feet  
Weight: 65.4 kg  
Degree: Bachelor of Engineering  
Gender: Female
```

Task1-5

```
PS C:\Users\anies\OneDrive\Desktop\Sprint2 Task-1> node Task1-5.js
Enter the length of the rectangle: 4
Enter the width of the rectangle: 6
Enter the base of the triangle: 2
Enter the height of the triangle: 8

Area of Rectangle: 24 square units
Area of Triangle: 8 square units
```

Task1-6

```
PS C:\Users\anies\OneDrive\Desktop\Sprint2 Task-1> node Task1-6.js
After addition (+= 10): 10
After subtraction (-= 3): 7
After multiplication (*= 2): 14
After division (/= 4): 3.5
```

Task1-7

```
PS C:\Users\anies\OneDrive\Desktop\Sprint2 Task-1> node Task1-7.js
Initial value of count: 5
After increment (count++): 6
After decrement (count--): 5

Comparison Results:
a == b: false
a === b: false
a != b: true
a !== b: true
a > b: true
a < b: false
a >= b: true
a <= b: false
```

Task1-8

```
PS C:\Users\anies\OneDrive\Desktop\Sprint2 Task-1> node Task1-8.js
Before swap:
a = 65
b = 10
After swap (using third variable):
a = 10
b = 65
```

Task1-9

```
PS C:\Users\anies\OneDrive\Desktop\Sprint2 Task-1> node Task1-9.js
Addition:
add = 11
add = 54

Multiplication:
multiply = 45
multiply = 48
```

Task1-10

```
PS C:\Users\anies\OneDrive\Desktop\Sprint2 Task-1> node Task1-10.js
Enter a number to calculate factorial: 4
Factorial of 4 is 24
PS C:\Users\anies\OneDrive\Desktop\Sprint2 Task-1>
```

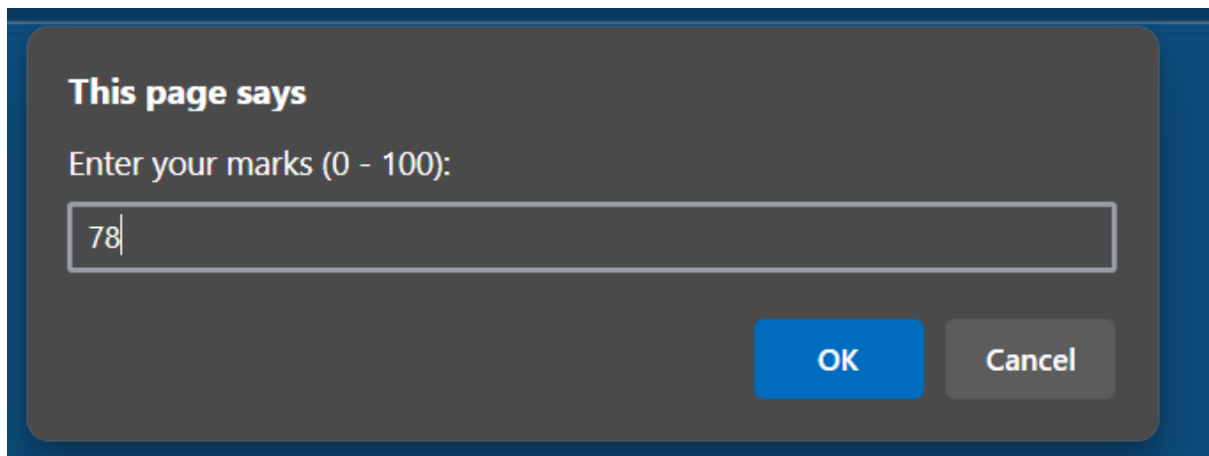
Task1-11

```
PS C:\Users\anies\OneDrive\Desktop\Sprint2 Task-1> node Task1-11.js
Enter a number to find its square: 7
Square of 7 is 49
```

Task1-12

```
The number is positive.
The number is odd.
```

Task1-13



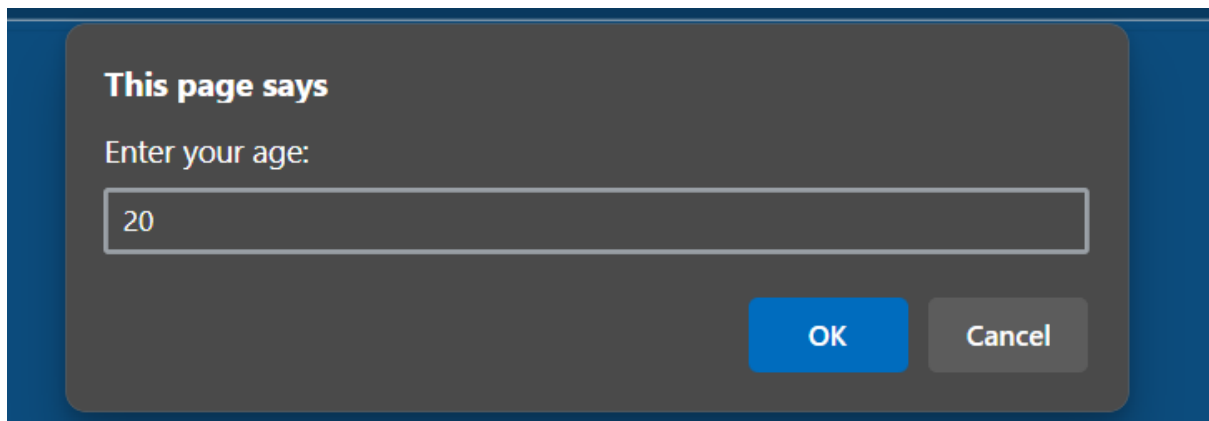
This page says

Enter your marks (0 - 100):

OK Cancel

```
Marks: 78                                     Task1-13.html:32
Grade: C                                       Task1-13.html:33
```

Task1-14



This page says

Enter your age:

OK Cancel

```
You can vote but not rent a car
```

Task1-15

```
PS C:\Users\anies\OneDrive\Desktop\Sprint2 Task-1> node Task1-15.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
```

Task1-16

This page says

Enter a year :

OK Cancel

It is not a leap year

Task1-17

```
PS C:\Users\anies\OneDrive\Desktop\Sprint2 Task-1> node Task1-17.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
PS C:\Users\anies\OneDrive\Desktop\Sprint2 Task-1> 
```

Task1-18(i)

This page says

Enter a number to find factorial :

Factorial Value is 362880

Task1-18(ii)

This page says

Enter the size of array :

This page says

Enter a number :

This page says

Enter a number :

This page says

Enter a number :

OK Cancel

This page says

Enter a number :

OK Cancel

This page says

Enter a number :

OK Cancel

Average is 5.6

Task1-19

```
PS C:\Users\anies\OneDrive\Desktop\Sprint2 Task-1> node task1-19.js
Square Pattern:
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *

Right-Angled Triangle Pattern:
*
* *
* * *
* * * *
* * * * *

Inverted Triangle Pattern:
* * * * *
* * * *
* * *
* *
*

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


Task1-20

```
PS C:\Users\anies\OneDrive\Desktop\Sprint2 Task-1> node Task1-20.js  
Positive numbers: [ 23, 4, 23, 21, 3 ]  
Negative numbers: [ -6, -9, -45, -8 ]
```

```
PS C:\Users\anies\OneDrive\Desktop\Sprint2 Task-1> node Task1-21.js  
a is a Vowel
```

```
PS C:\Users\anies\OneDrive\Desktop\Sprint2 Task-1> node Task1-22.js  
True - First and last elements are the same.
```