

Simple Calculator

localhost:5500/Lab%20Cycle%202/Lab%201c.html

### Simple Calculator

Enter 1st Operand: 53

Enter Operator: +

Enter 2nd Operand: 564

SUBMIT

The Expression:  $53 + 564 = 617$

Sum Of Digits of a Number

localhost:5500/Lab%20Cycle%202/Lab%202a.html

### Sum of Digits of a Number

Enter a number: 5651651

SUBMIT

Sum of Digits of 5651651 = 29

Reverse of a Number

Enter a number:

Reverse of -151651561 = 165156151

1 to 10 Numbers Except 5

1 2 3 4 6 7 8 9 10

GCD, Reverse Number, Random

localhost:5500/Lab%20Cycle%202/Lab%203a.html

GCD:

Enter number 1: 56

Enter number 2: 64

SUBMIT

GCD of 56 and 64 = 8

Reverse Number:

Enter the number: 1561631

SUBMIT

Reverse of 1561631 = 1361651

Random Number:

Enter the range(max exclusive):

133 to 199

SUBMIT

A Random Number in the range (133, 199): 172

Recursive Functions

localhost:5500/Lab%20Cycle%202/Lab%203b.html

Factorial:

Enter a number: 7

SUBMIT

Factorial of 7 = 5040

Fibonacci Numbers:

Enter the count: 15

SUBMIT

The First 15 Fibonacci Numbers are:  
0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233, 377

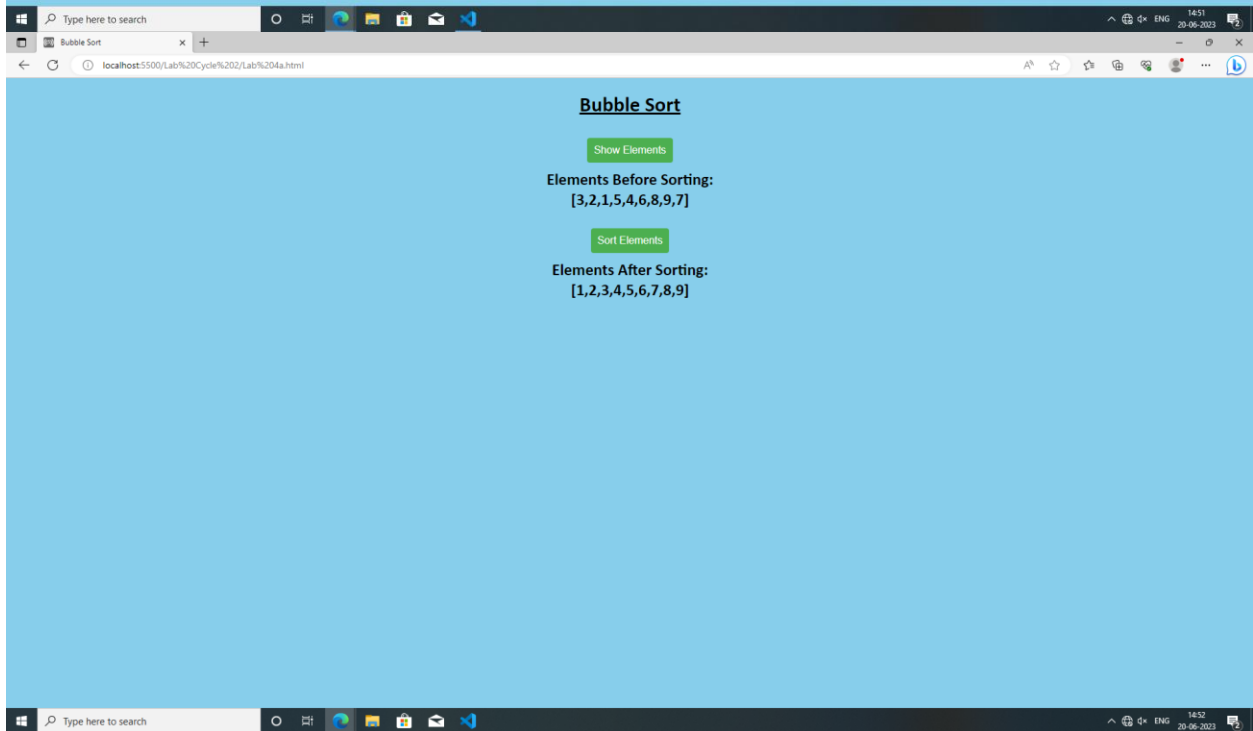
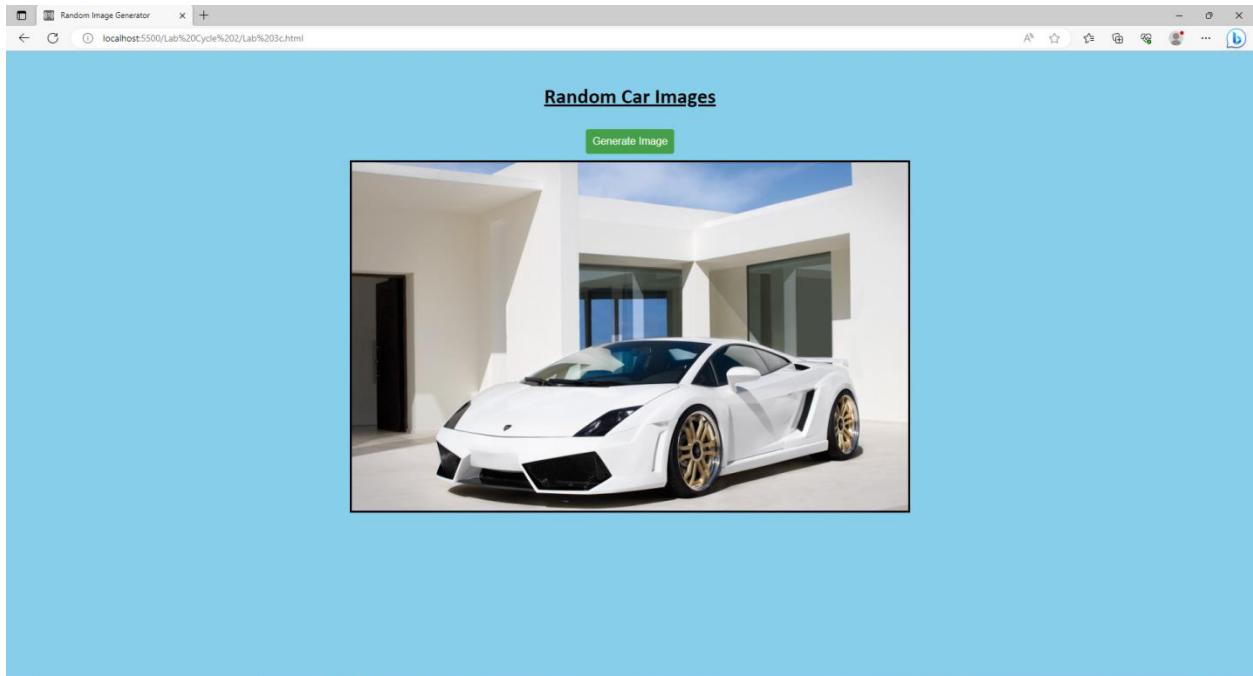
Power:

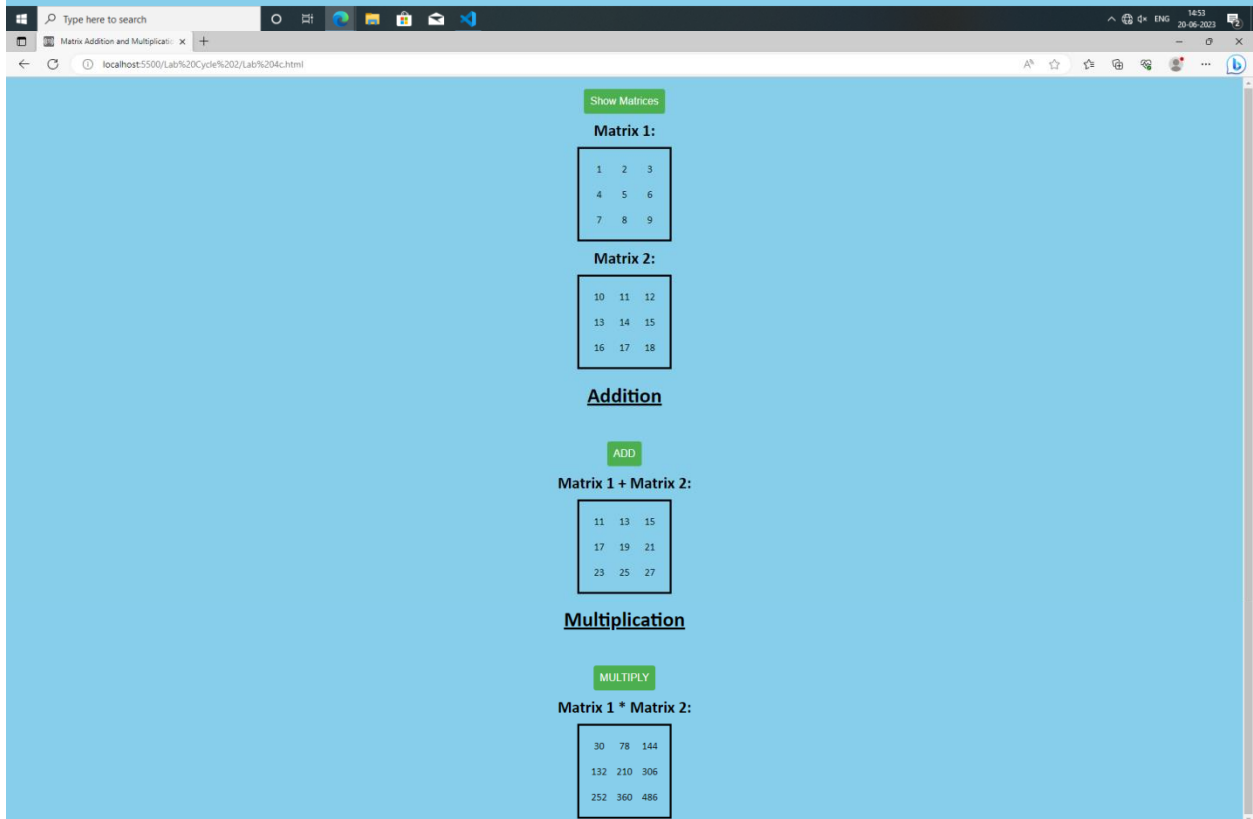
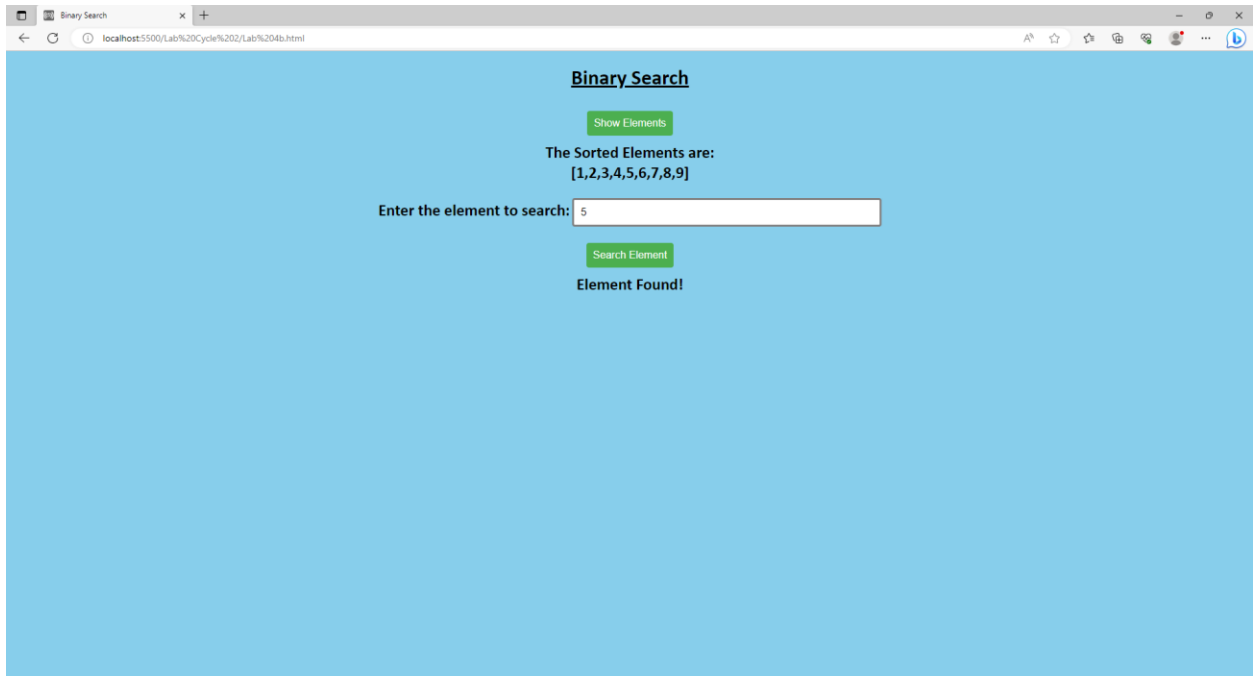
Enter the Base: 5

Enter the Power: 6

SUBMIT

The Expression: 5 \*\* 6 = 15625





String Object

localhost:5500/Lab%20Cycle%202/Lab%205a.html

### String Object

Original String: Hello, My Name is Tayyab.

String Operations:

1. String Length: 25
2. Character at index 18: T
3. Substring from index 0 to 4: Hello
4. Concatenated string: Hello, My Name is Tayyab. Welcome to JavaScript!
5. Uppercase: HELLO, MY NAME IS TAYYAB.
6. Lowercase: hello, my name is tayyab.
7. Starts with 'Hello': true
8. Ends with 'Tayyab.': true
9. Index of 'Tayyab': 18
10. Replaced string: Hi, My Name is Tayyab.
11. Split string: Hello, My Name is Tayyab.

Math Object

localhost:5500/Lab%20Cycle%202/Lab%205b.html

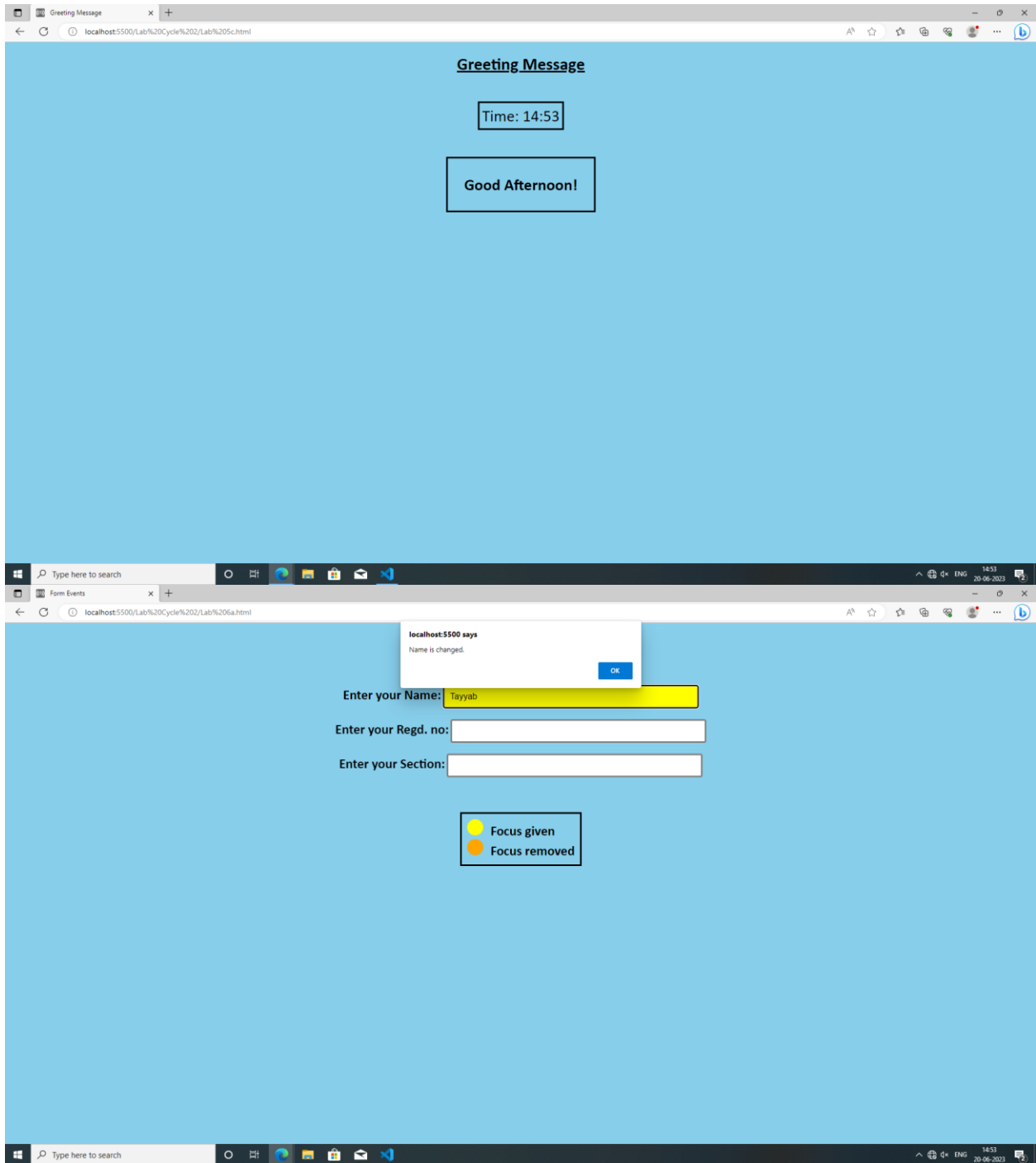
### Math Object

Math Properties:

1. Pi Value: 3.141592653589793
2. Eulers Number(E): 2.718281828459045
3. Natural Logarithm of 2: 0.6931471805599453
4. Natural Logarithm of 10: 2.302585092994046
5. Base 2 Logarithm of e: 1.4426950408889634
6. Base 10 Logarithm of e: 0.4342944819032518

Math Methods:

1. Round off value of 3.454: 3
2. Ceil of 4.3: 5
3. Floor of 4.3: 4
4. Absolute value of -3.24: 3.24
5. Maximum of (8,12,23): 23
6. Minimum of (8,12,23): 8
7. 2 to the power 3: 8
8. Square root of 16: 4
9. Sine of 30 degrees: 0.49999999999999994
10. Cosine of 60 degrees: 0.5000000000000001
11. Tangent of 45 degrees: 0.9999999999999999
12. Random number between 0 and 1: 0.7757345503471578
13. Random integer from 1 and 10: 7





Form Events

localhost:5500/Lab%20Cycle%202/Lab%206a.html

### Student Details

Enter your Name:

Enter your Regd. no:

Enter your Section:

Focus given

Focus removed

Mouse Events

localhost:5500/Lab%20Cycle%202/Lab%206b.html

### HTML DOM Events

1. OnClick:

2. OnMouseDown and OnMouseUp:

Click on this text.

3. OnMouseEnter and OnMouseLeave:

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4. OnMouseOver and OnMouseOut:

Move the cursor Over this text.

Mouse Events

localhost:5500/Lab%20Cycle%202/Lab%206b.html

HTML DOM Events

1. OnClick:


Click

You Clicked the Button!

2. OnMouseDown and OnMouseUp:

Click on this text.

3. OnMouseEnter and OnMouseLeave:



4. OnMouseOver and OnMouseOut:

Move the cursor Over this text.

Event Bubbling

localhost:5500/Lab%20Cycle%202/Lab%206c.html

Child Button

Parent is Invoked.  
Child is Invoked.