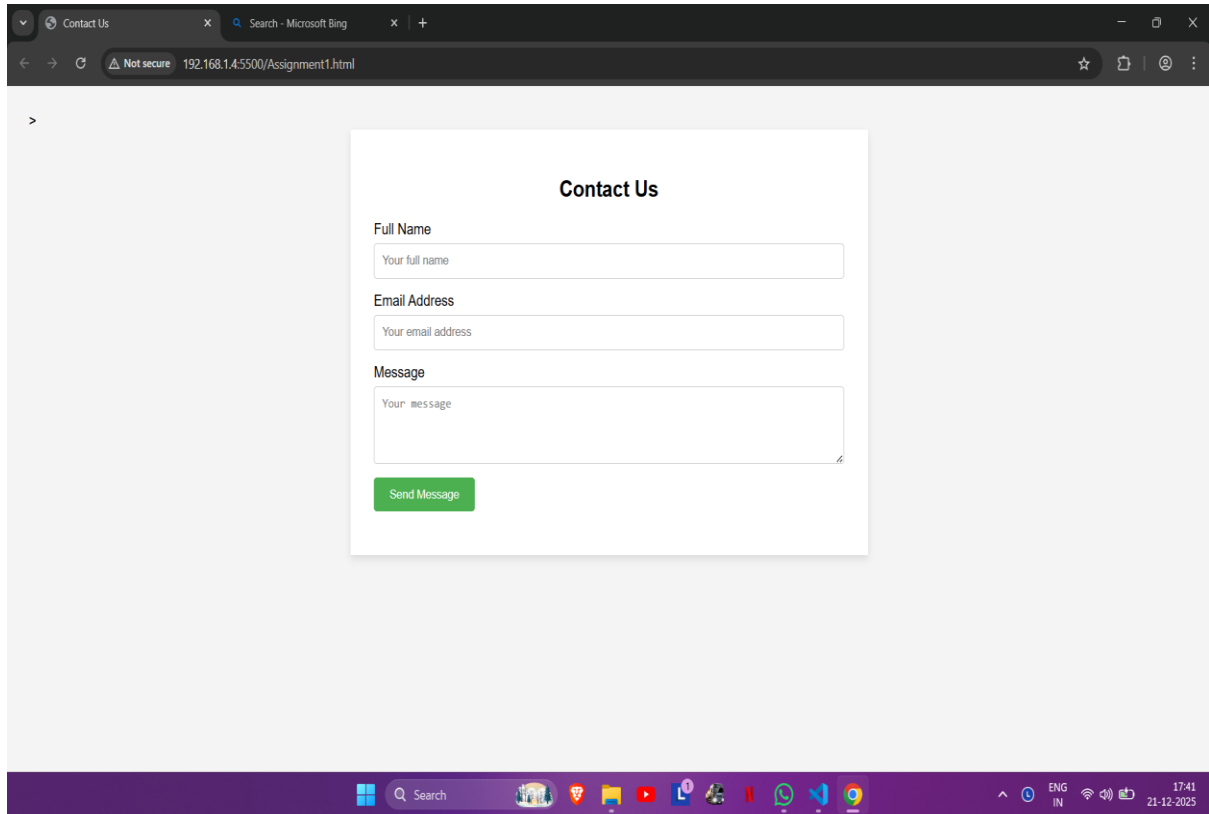


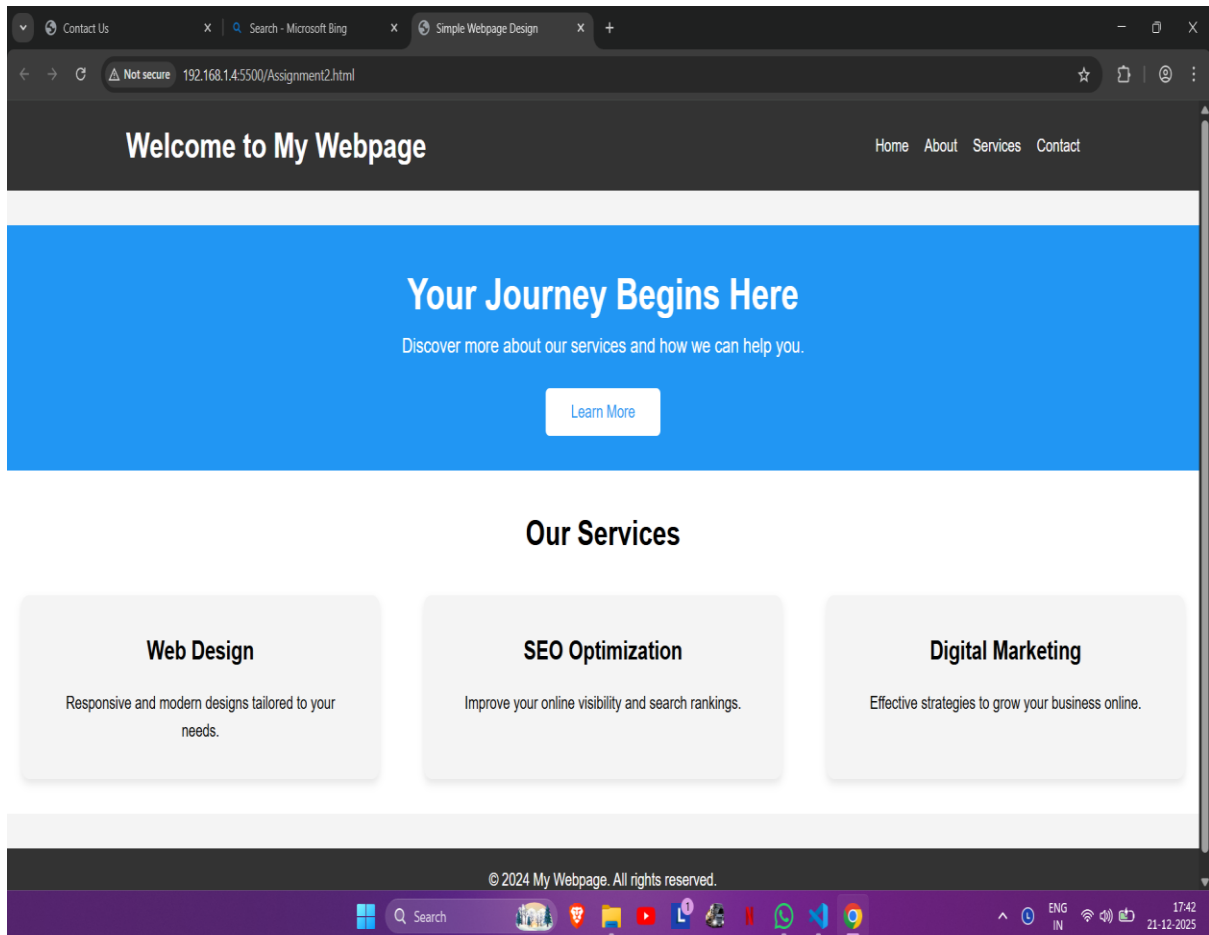
# Web Technology – I Practicals

## Practical 1



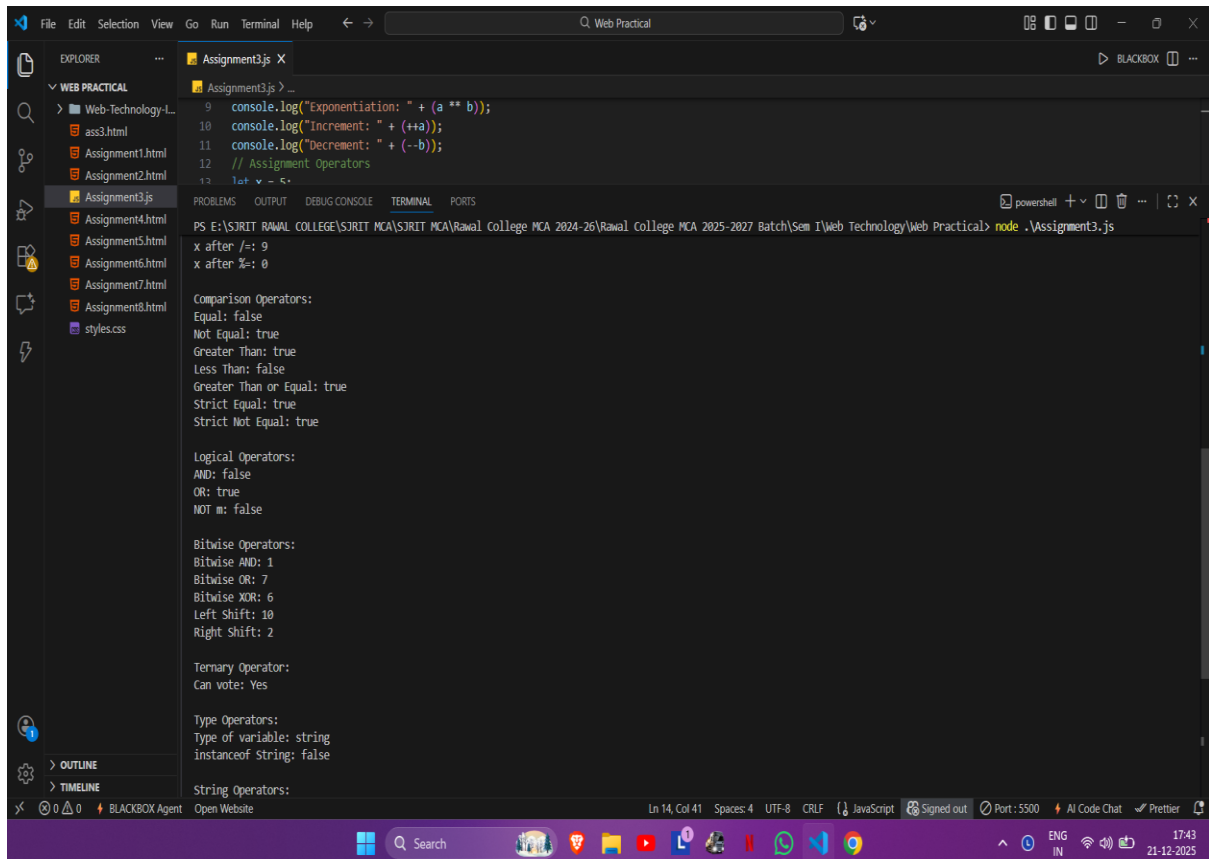
# Web Technology – I Practicals

## Practical 2



# Web Technology – I Practicals

## Practical 3



The screenshot shows a Visual Studio Code editor window with a file explorer on the left and a terminal at the bottom. The file explorer shows a project named 'Web-Technology-I...' with files 'ass3.html', 'Assignment1.html', 'Assignment2.html', 'Assignment3.js', 'Assignment4.html', 'Assignment5.html', 'Assignment6.html', 'Assignment7.html', 'Assignment8.html', and 'styles.css'. The 'Assignment3.js' file is open in the editor, showing the following code:

```
9 console.log("Exponentiation: " + (a ** b));
10 console.log("Increment: " + (++a));
11 console.log("Decrement: " + (--b));
12 // Assignment Operators
13 let x = 9;
```

The terminal at the bottom shows the output of running the code:

```
PS E:\SJRIT RAWAL COLLEGE\SJRIT MCA\Rawal College MCA 2024-26\Rawal College MCA 2025-2027 Batch\Sem I\Web Technology\Web Practical> node .\Assignment3.js
x after /=: 9
x after %=: 0

Comparison Operators:
Equal: false
Not Equal: true
Greater Than: true
Less Than: false
Greater Than or Equal: true
Strict Equal: true
Strict Not Equal: true

Logical Operators:
AND: false
OR: true
NOT m: false

Bitwise Operators:
Bitwise AND: 1
Bitwise OR: 7
Bitwise XOR: 6
Left Shift: 18
Right Shift: 2

Ternary Operator:
Can vote: Yes

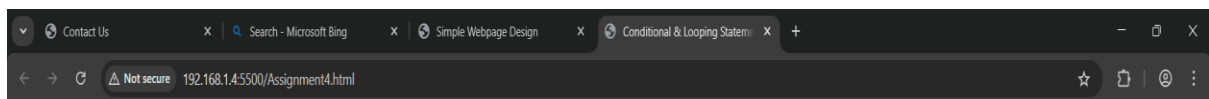
Type Operators:
Type of variable: string
instanceof String: false

String Operators:
Open Website
```

The status bar at the bottom indicates the file is 'Ln 14, Col 41', 'Spaces: 4', 'UTF-8', 'CRLF', 'JavaScript', 'Signed out', 'Port: 5500', 'AI Code Chat', and 'Prettier'.

# Web Technology – I Practicals

## Practical 4



### JavaScript Conditional & Looping Statements

#### Results:

```
The number 7 is positive.  
Today is Sunday.  
  
Counting from 1 to 5 using a for loop:  
1 2 3 4 5  
  
Counting down from 5 to 1 using a while loop:  
5 4 3 2 1  
  
Printing 'Hello' 3 times using a do-while loop:  
Hello Hello Hello
```



# Web Technology – I Practicals

## Practical 5

**Dynamic Web Form**

Name  
  
Name is required

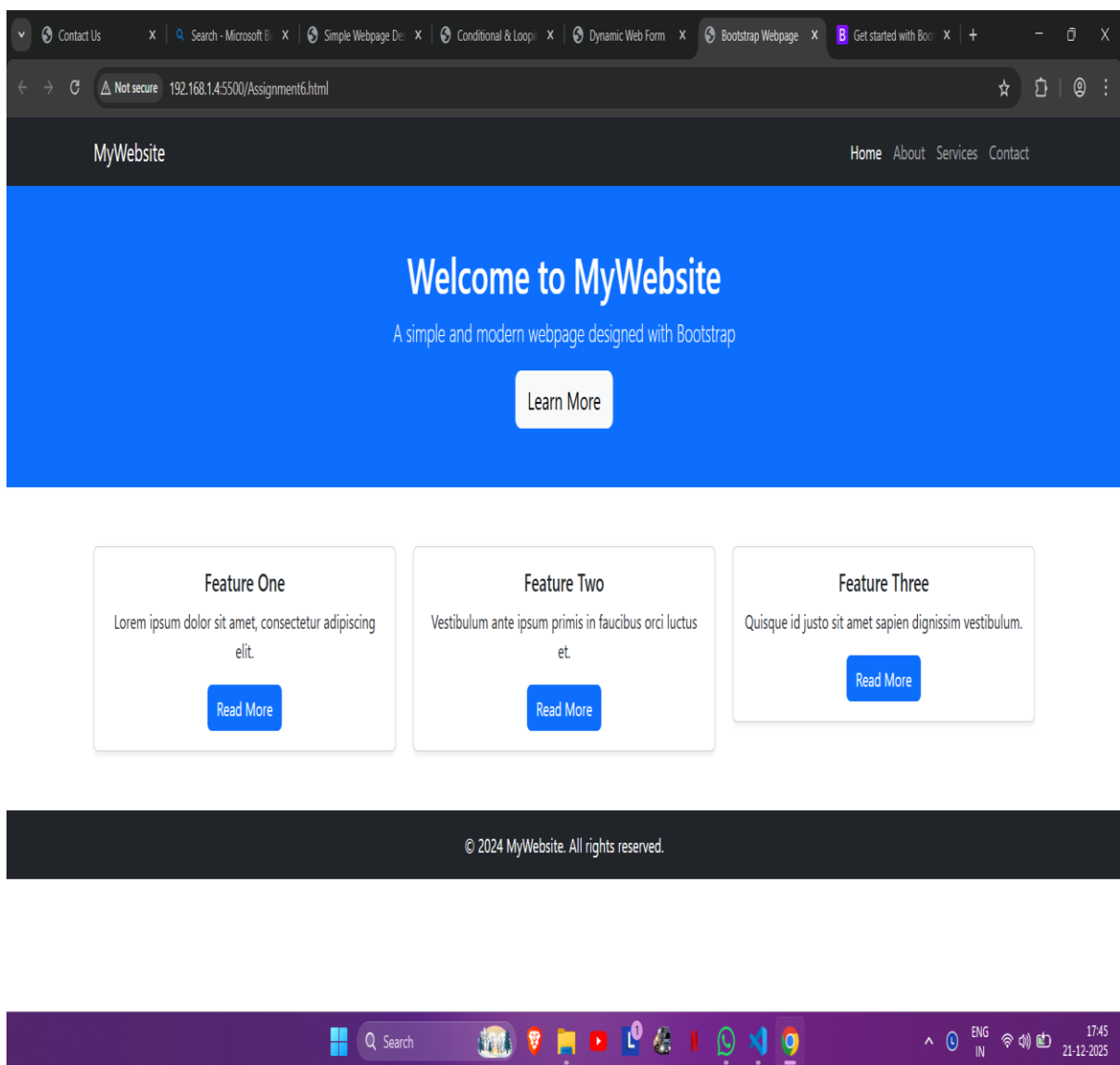
Email  
  
Valid email is required

Password  
  
Password must be at least 6 characters long

Age  
  
Age must be between 18 and 100

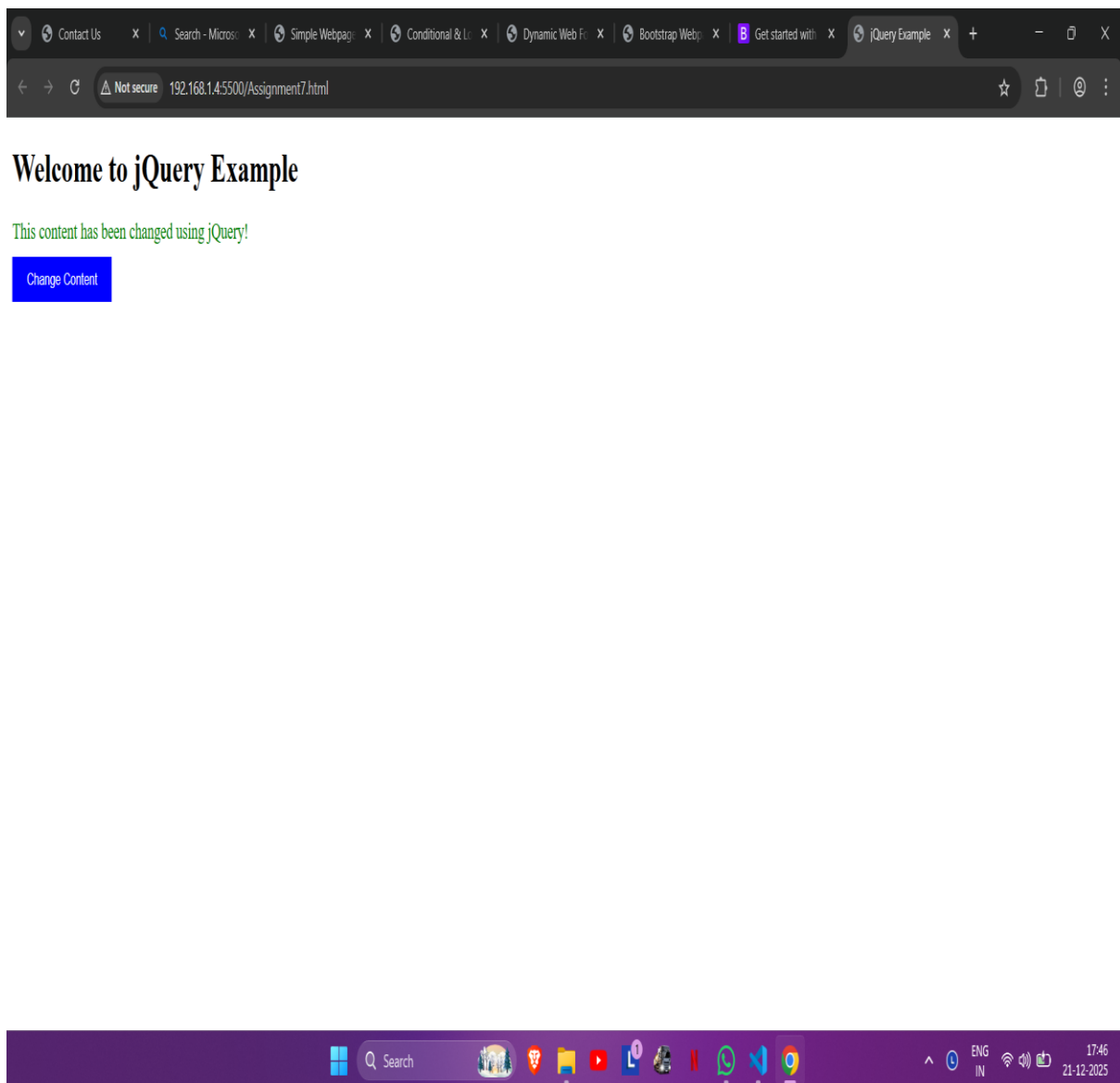
# Web Technology – I Practicals

## Practical 6



# Web Technology – I Practicals

## Practical 7



## **Practical 8**



# Web Technology – I Practicals

