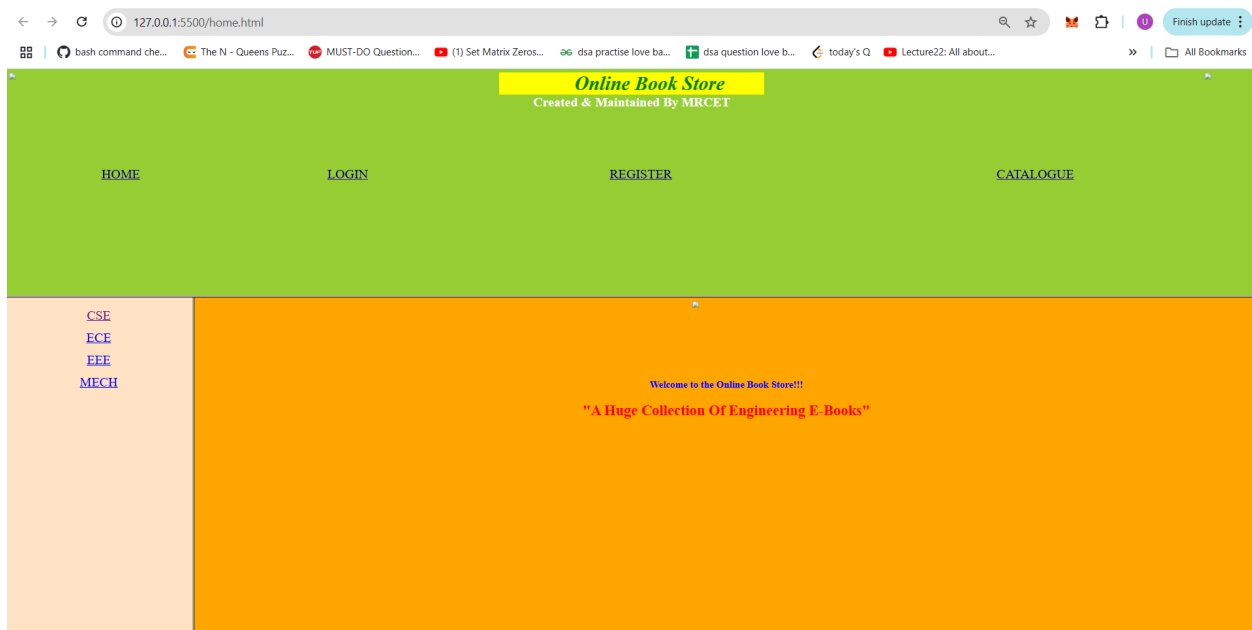


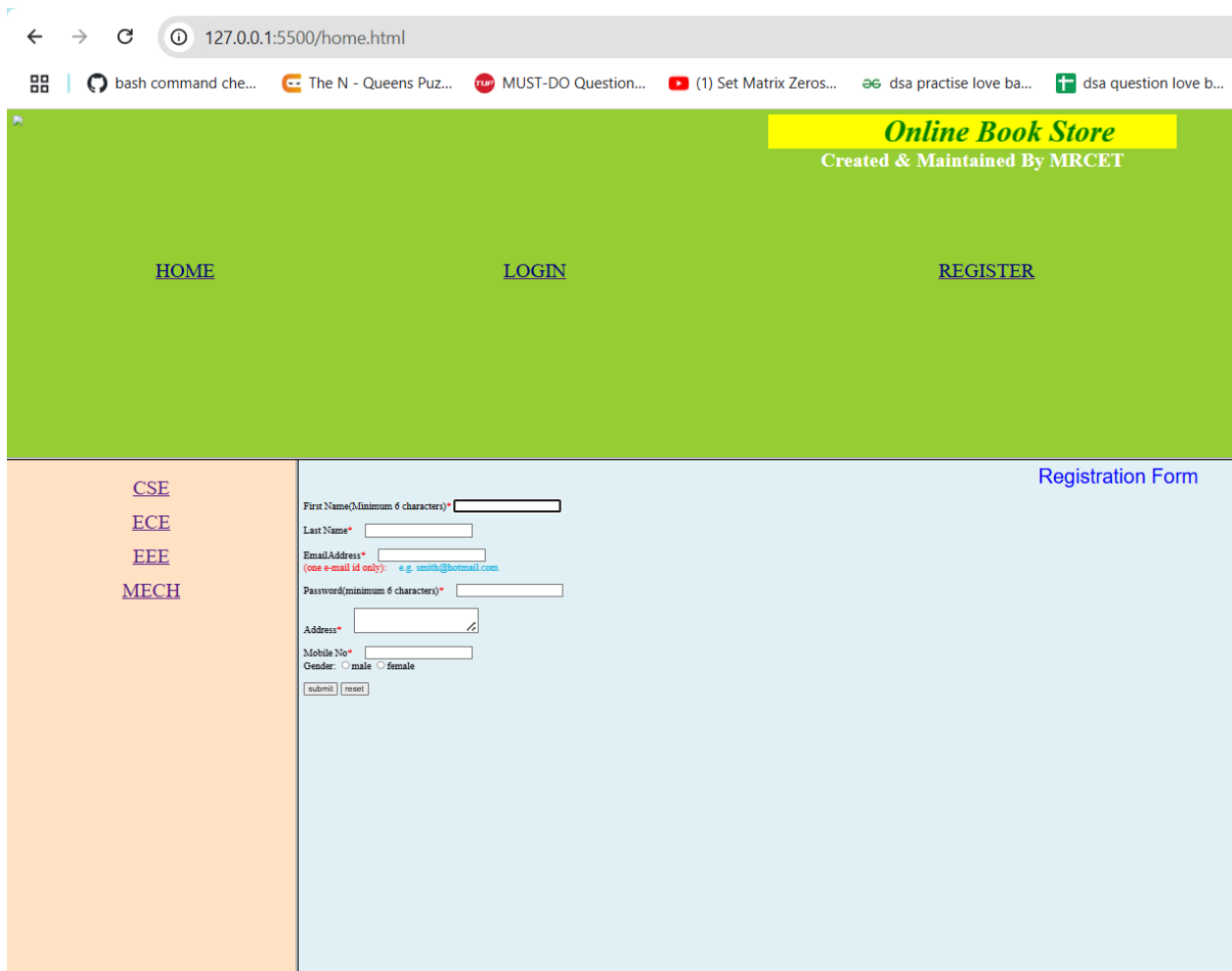
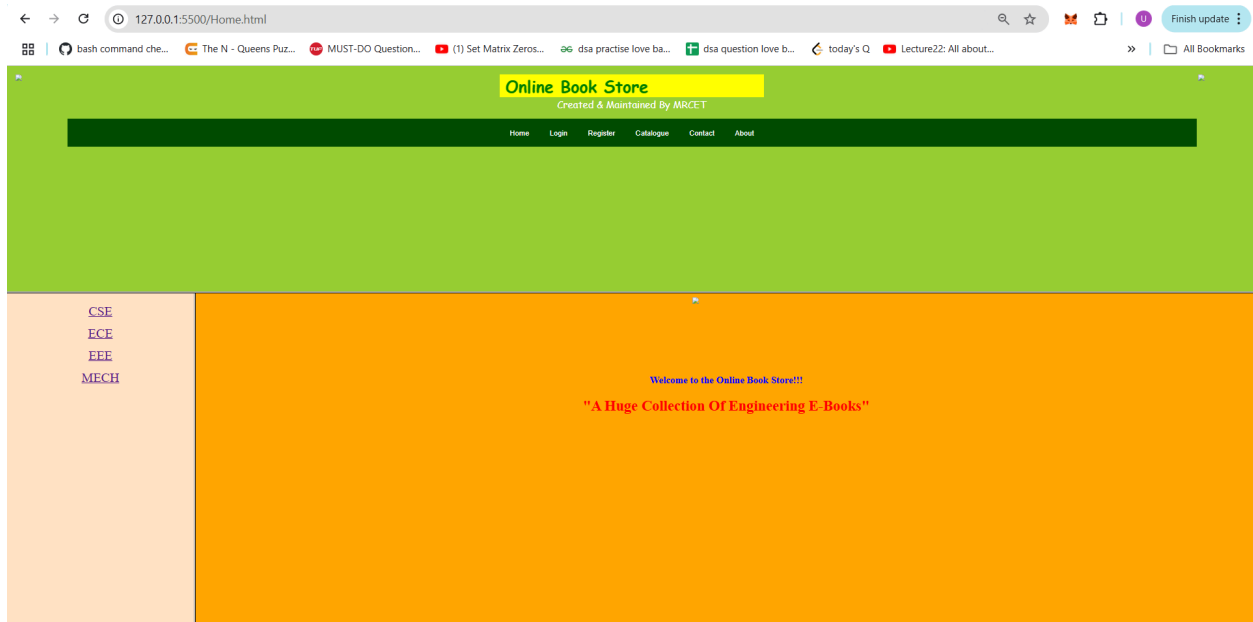
# Web Engineering Practical

1.

**Design the following static web pages required for an online book store web site.**

1. HOME PAGE: The static home page must contain three frames.
2. LOGIN PAGE
3. CATALOGUE PAGE: The catalogue page should contain the details of all the books available in the web site in a table.
4. REGISTRATION PAGE





127.0.0.1:5500/Home.html

Home Login Register Catalogue Contact About

CSE  
ECE  
EEE  
MECH

### Registration Form

First Name (Minimum 6 characters)\*

Last Name\*

Email Address\*

Enter email id only e.g. smth@hotmail.com

Password (Minimum 6 characters)\*

Address\*

Mobile No\*

Gender:  
☐ Male  
☐ Female

127.0.0.1:5500/home.html

Online Book Store  
Created & Maintained By MRCET

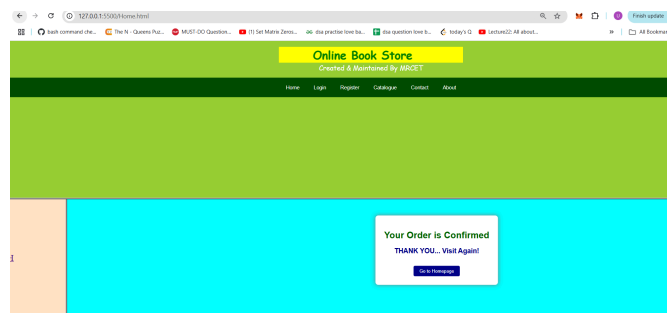
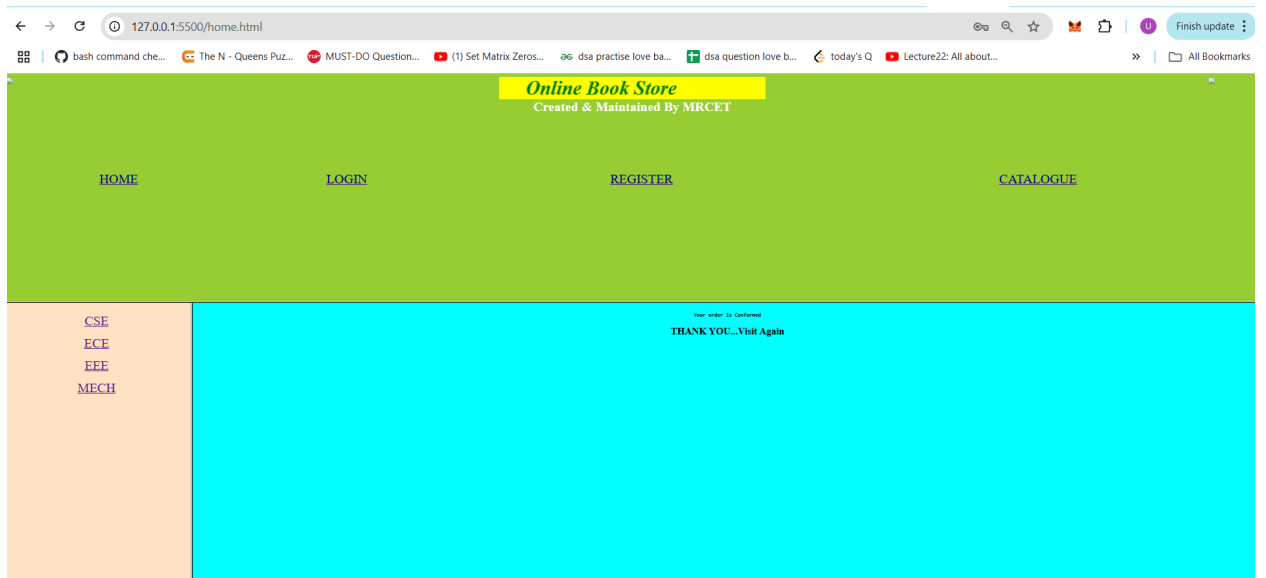
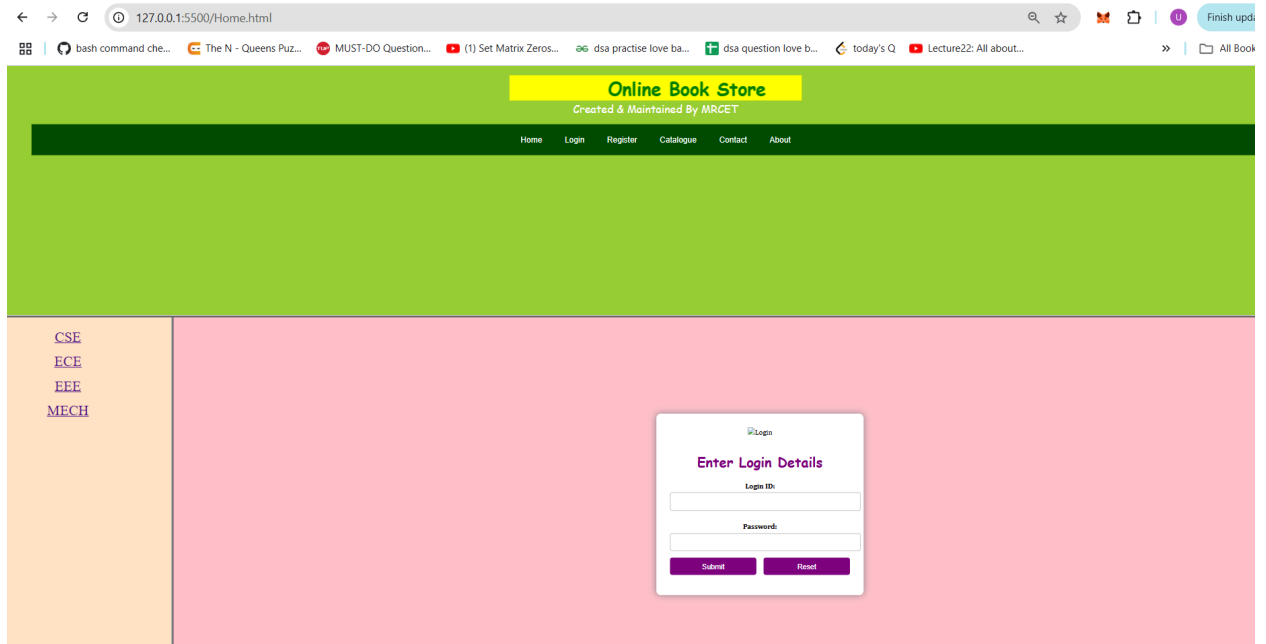
HOME LOGIN REGISTER CAT

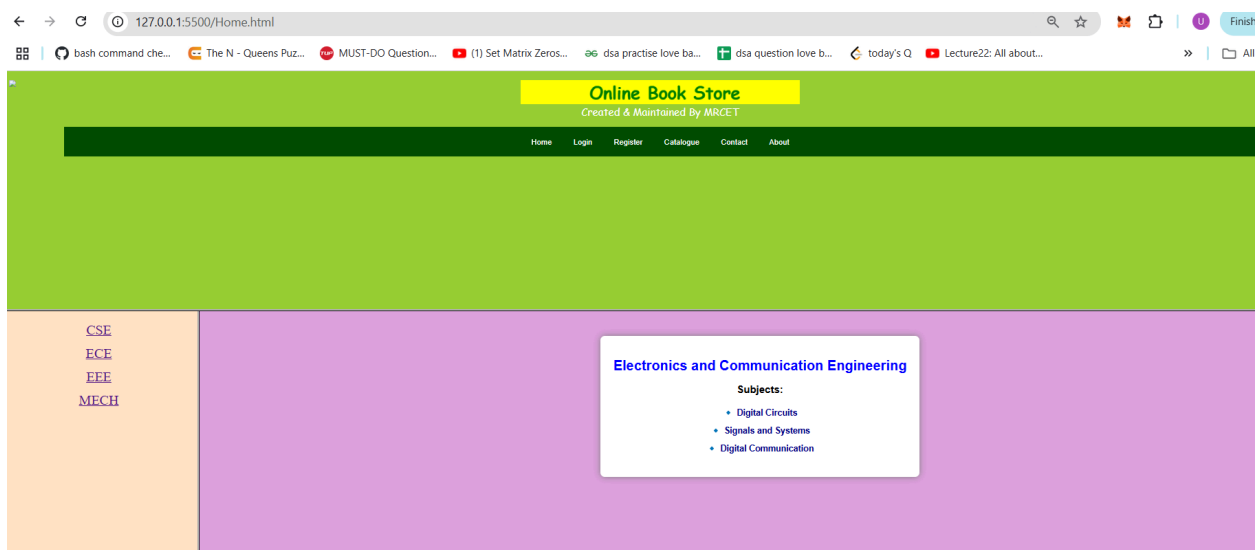
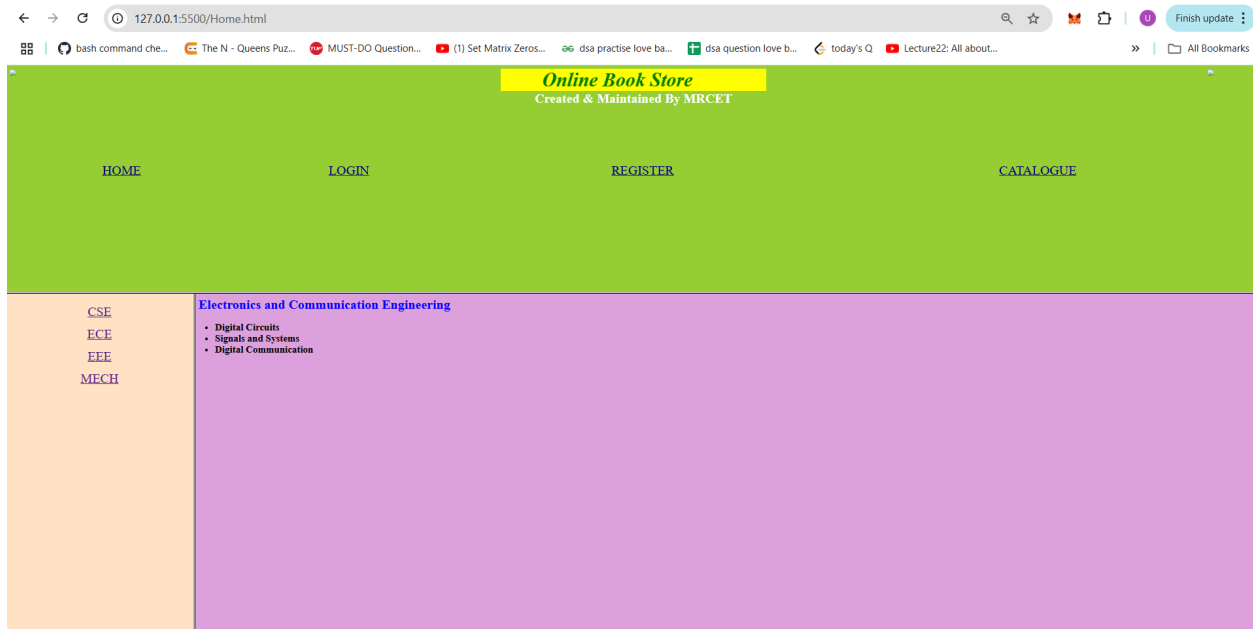
CSE  
ECE  
EEE  
MECH

### Enter Login Details:

Login ID:

Password:





2.

**Write JavaScript to validate the following fields of the Registration page.**

1. First Name (Name should contains alphabets and the length should not be less than 6 characters).
2. Password (Password should not be less than 6 characters length).

3. E-mail id (should not contain any invalid and must follow the standard pattern  
name@domain.com)
4. Mobile Number (Phone number should contain 10 digits only).
5. Last Name and Address (should not be Empty).

The screenshot shows a web browser at the URL `127.0.0.1:5501/registration.html`. The registration form includes fields for First Name, Last Name, Email Address, Password, Address, Mobile No, and Gender. A modal dialog box from the browser's developer tools is displayed, stating "127.0.0.1:5501 says Please enter a valid email address". The form fields contain the following values: First Name: "Umesh", Last Name: "Choudhary", Email Address: "telvent", Password: "erref", Address: "12345678", Mobile No: "12345678", and Gender: "Male".

The screenshot shows a web browser at the URL `127.0.0.1:5501/registration.html`. The registration form includes fields for First Name, Last Name, Email Address, Password, Address, Mobile No, and Gender. A modal dialog box from the browser's developer tools is displayed, stating "127.0.0.1:5501 says Please select your gender". The form fields contain the following values: First Name: "Umesh", Last Name: "Choudhary", Email Address: "telvent", Password: "erref", Address: "12345678", Mobile No: "12345678", and Gender: "Male".

The screenshot shows a web browser at the URL `127.0.0.1:5501/registration.html`. The registration form includes fields for First Name, Last Name, Email Address, Password, Address, Mobile No, and Gender. A modal dialog box from the browser's developer tools is displayed, stating "127.0.0.1:5501 says Please enter minimum 6 characters". The form fields contain the following values: First Name: "Umesh", Last Name: "Choudhary", Email Address: "telvent", Password: "erref", Address: "12345678", Mobile No: "12345678", and Gender: "Male".

127.0.0.1:5501/registration.html

Registration Form

First Name (Min 6 characters)

Last Name

Email Address  
  
Please enter a valid email address

Password (Min 6 characters)  
  
Please enter at least 6 characters

Address

Mobile No (10 digits)

Gender  
☐ Male  
☒ Female

127.0.0.1:5501/registration.html

127.0.0.1:5501 says  
Please enter 10 numbers only

OK

First Name (Minimum 6 characters)\*

Last Name\*

Email Address\*   
(use e-mail id only); e.g. smish@bortmail.com

Password (minimum 6 characters)\*

Address\*

Mobile No\*

Gender: ☐ Male ☐ Female

127.0.0.1:5501/registration.html

Registration Form

First Name (Min 6 characters)

Last Name

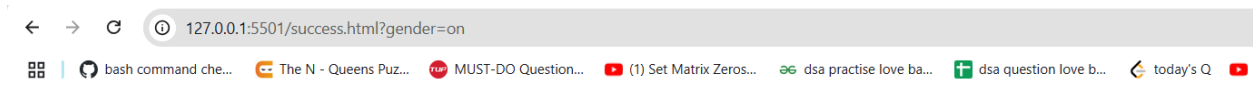
Email Address  
  
Please enter a valid email address

Password (Min 6 characters)  
  
Please enter at least 6 characters

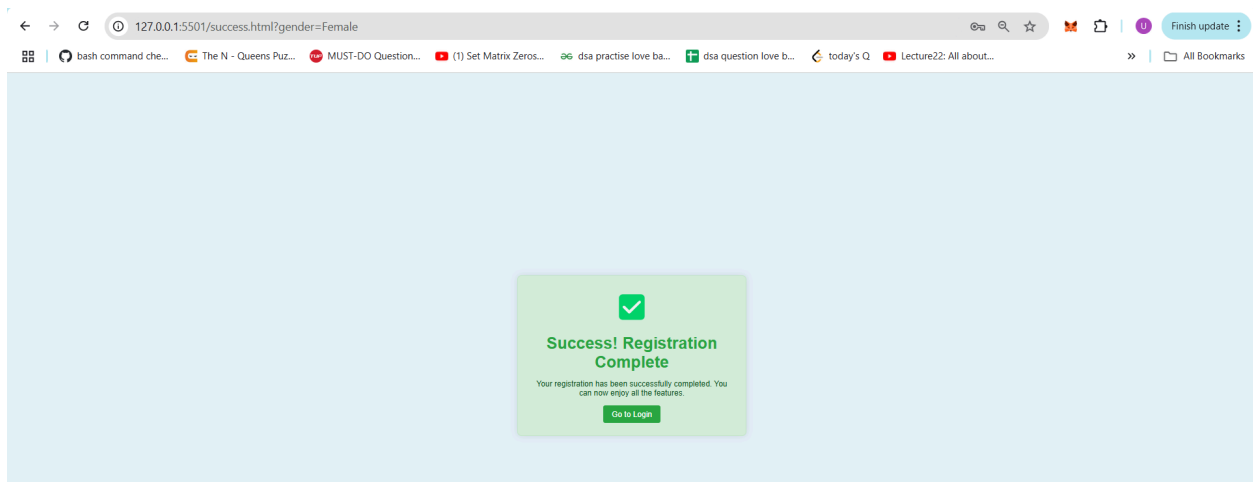
Address

Mobile No (10 digits)  
  
Please enter exactly 10 digits

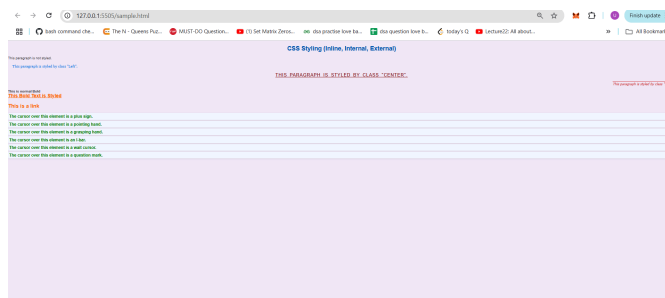
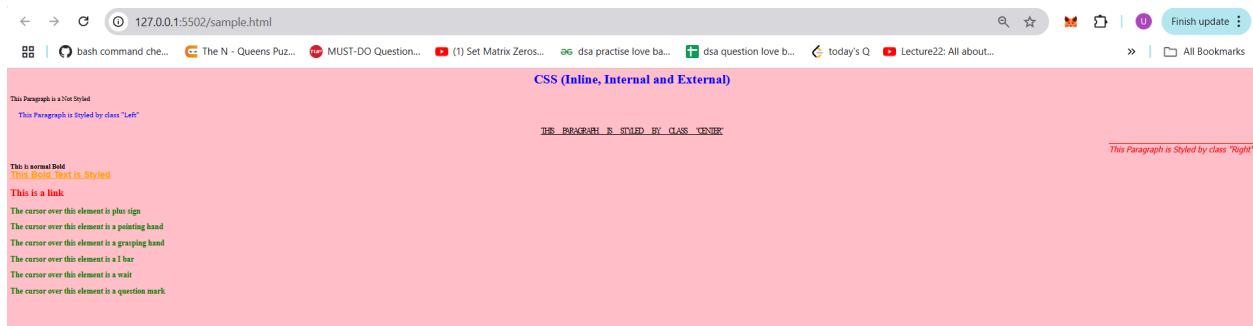
Gender  
☐ Male  
☒ Female



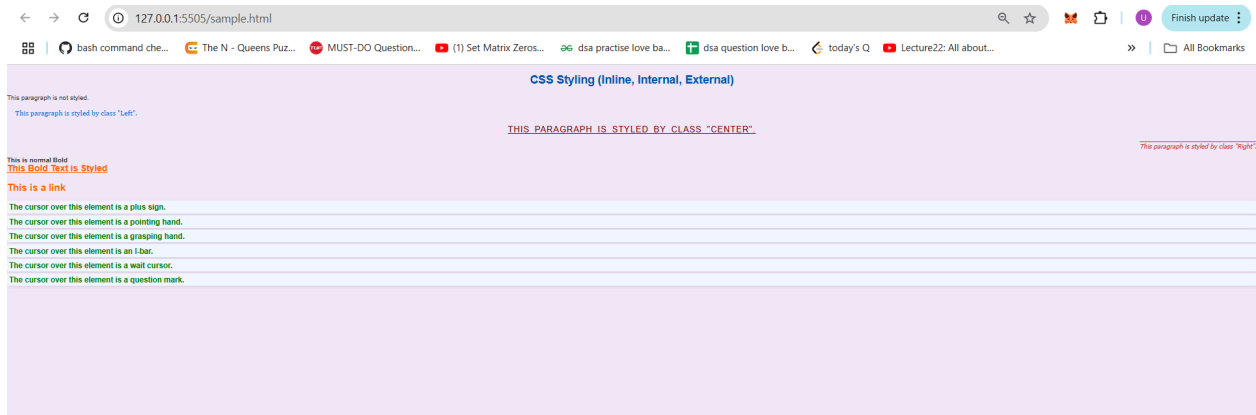
✓ **Success Registration!**



### 3 Develop and demonstrate the usage of inline, internal and external style sheet using CSS



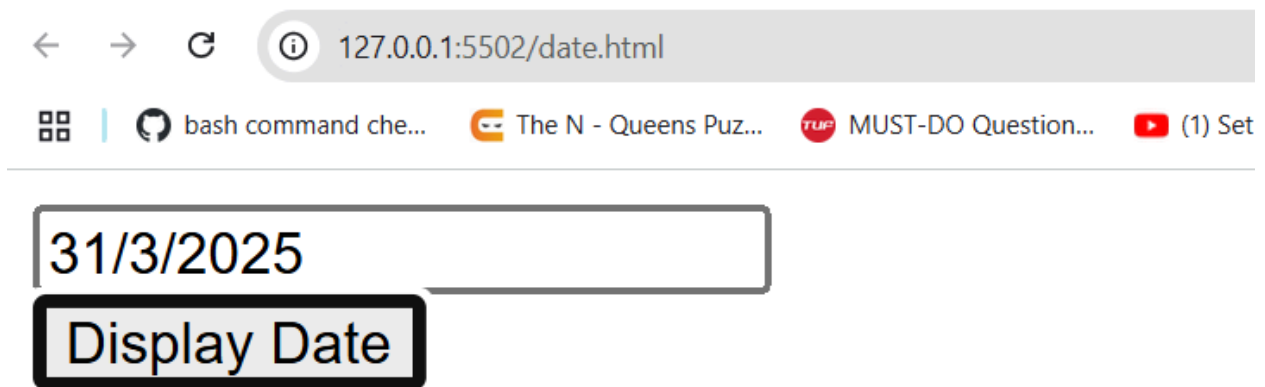


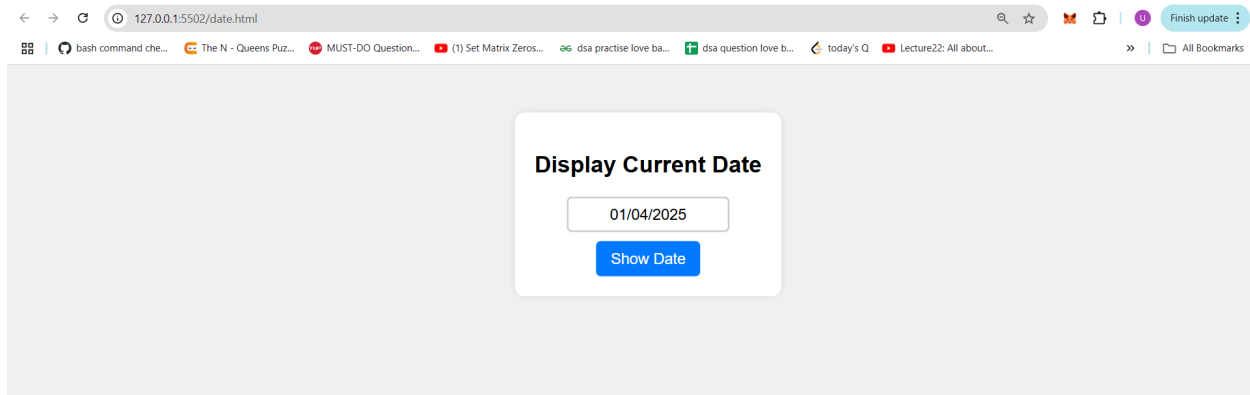


## 4 Develop and demonstrate JavaScript with POP-UP boxes and functions for the following problems:

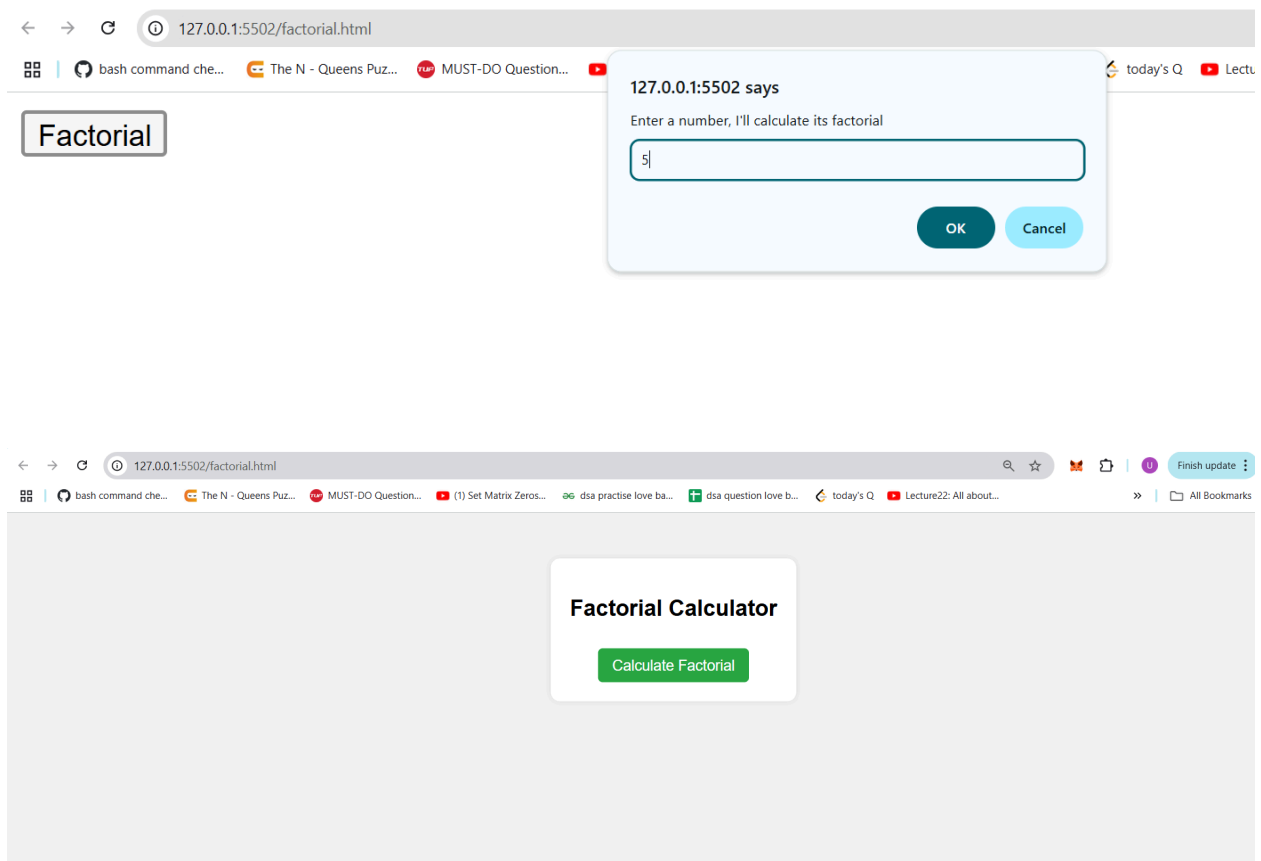
4A) Input: Click on Display Date button using onclick( ) function

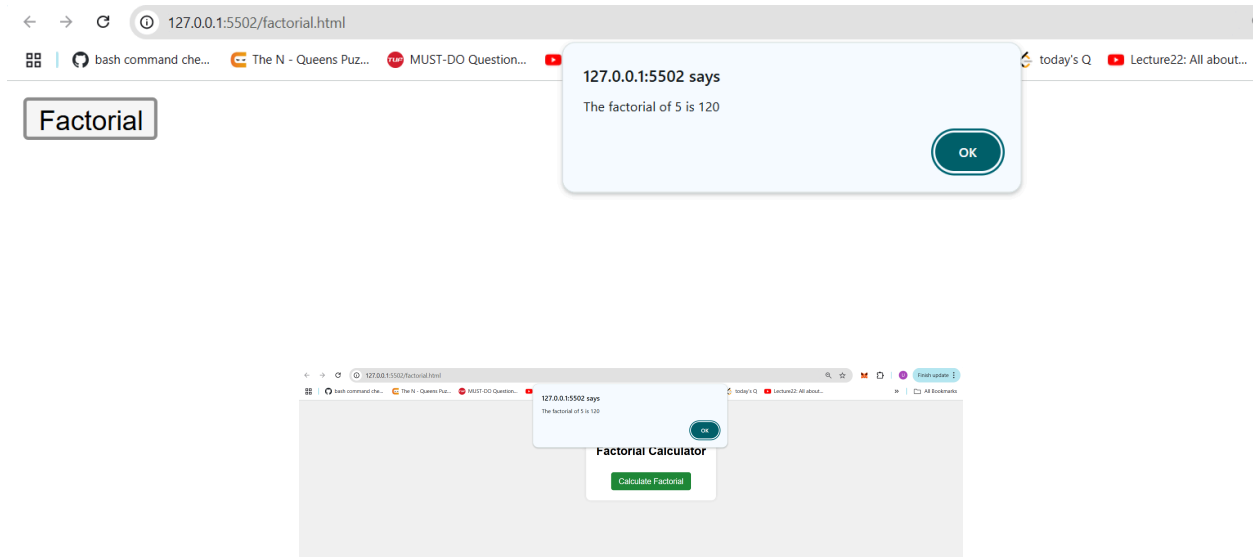
Output: Display date in the textbox



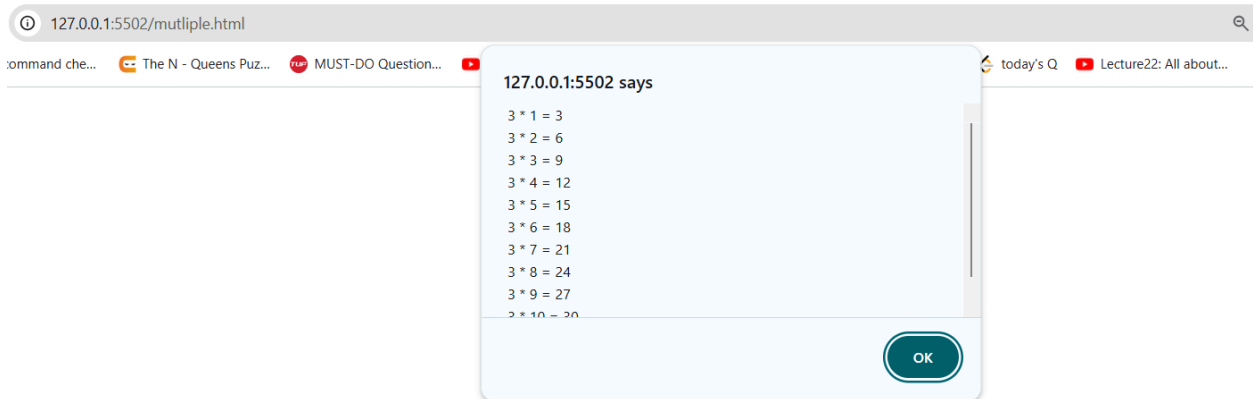


4B) Input: A number n obtained using prompt  
Output: Factorial of n number using alert





4C) Input: A number n obtained using prompt  
Output: A multiplication table of numbers from 1 to 10 of n using alert



127.0.0.1:5502/mutiple.html

bash command che... The N - Queens Puz... MUST-DO Question... (1) Set Matrix Zeros... dsa practise love ba... dsa question love b... today's Q Lecture22: All about...

### Multiplication Table

Generate Table

Multiplication	Result
5 × 1	5
5 × 2	10
5 × 3	15
5 × 4	20
5 × 5	25
5 × 6	30
5 × 7	35
5 × 8	40
5 × 9	45
5 × 10	50

4D) Input: A number n obtained using prompt and add another number using confirm

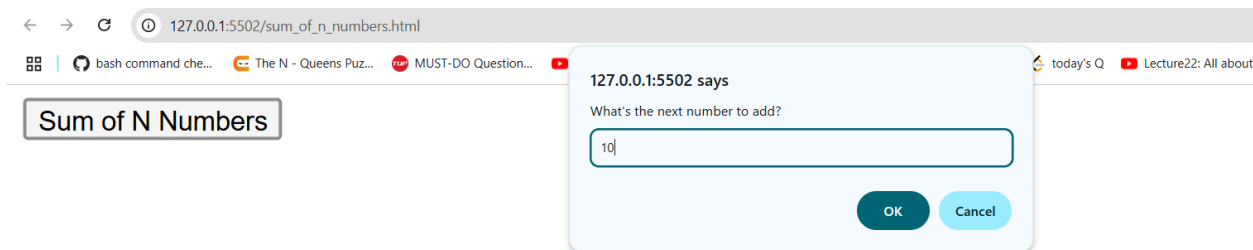
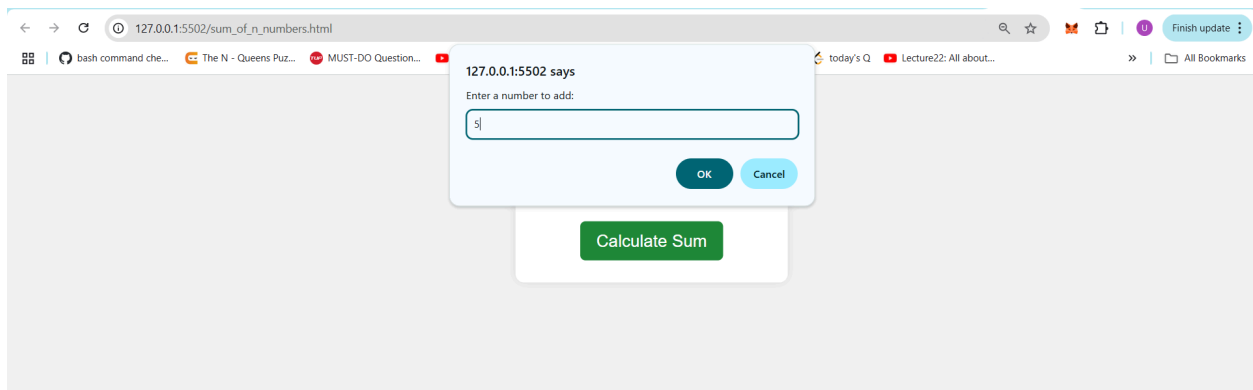
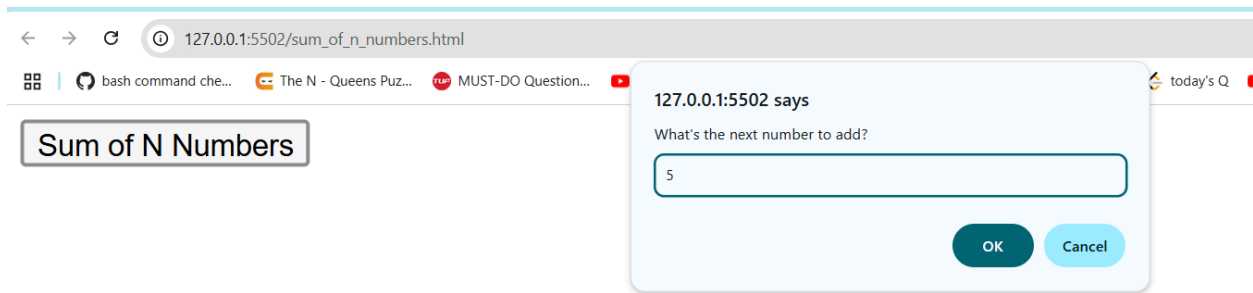
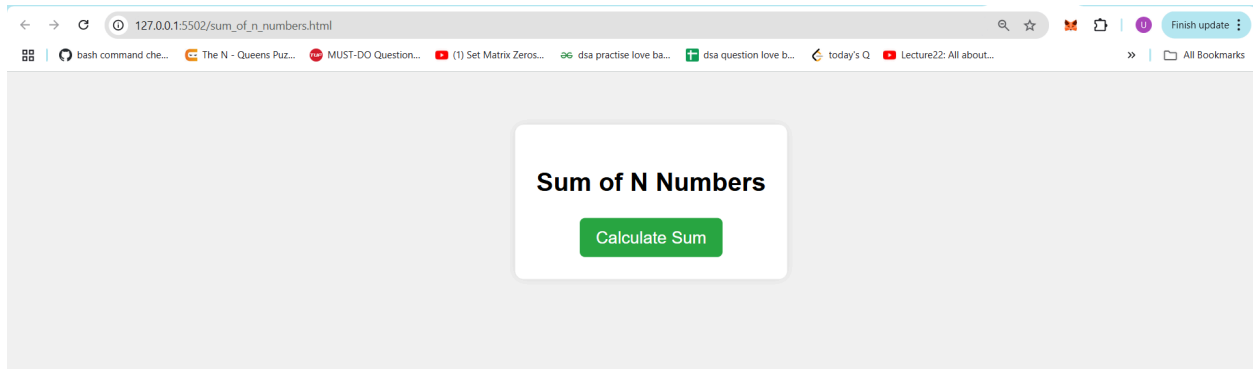
Output: Sum of the entire n numbers using alert

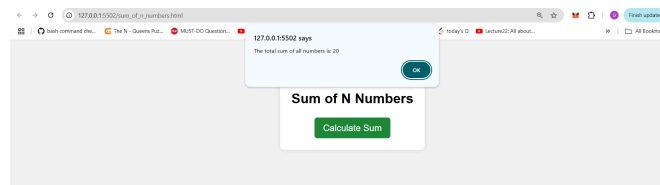
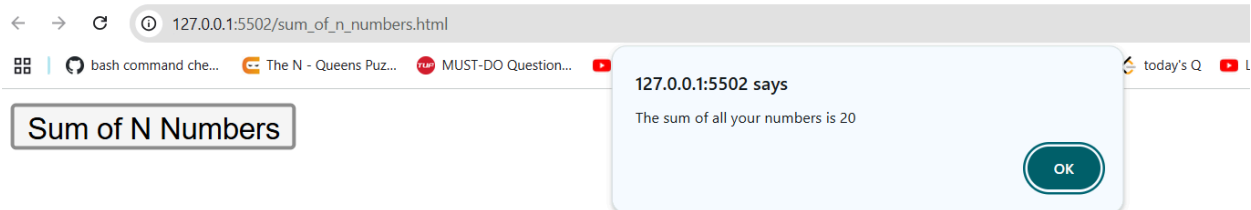
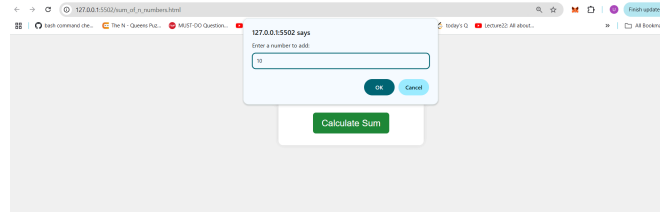
127.0.0.1:5502/sum\_of\_n\_numbers.html

bash command che... The N - Queens Puz... MUST-DO Question... today's Q

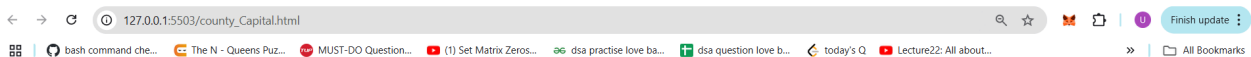
Sum of N Numbers

127.0.0.1:5502 says  
You're going to give me a list of numbers. I'm going to add them together for you.  
OK





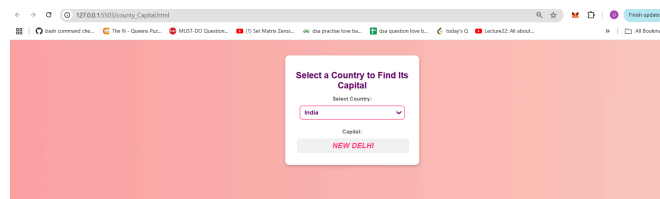
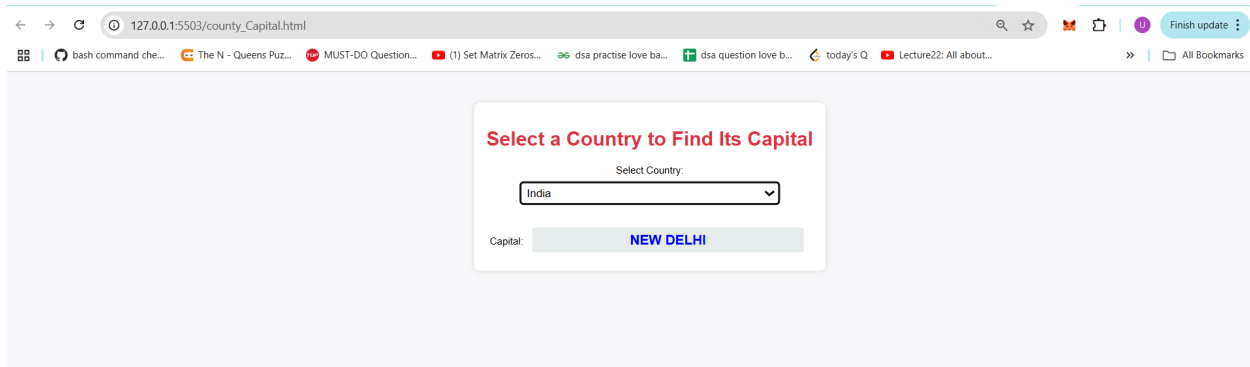
**5 Write an HTML page that contains a selection box with a list of 5 countries. When the user selects a country, its capital should be printed next in the list. Add CSS to customize the properties of the font of the capital (color,bold and font size).**



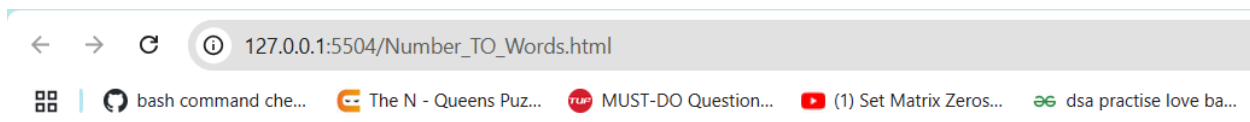
**Select the country name to find its capital**

Select Country

Capital



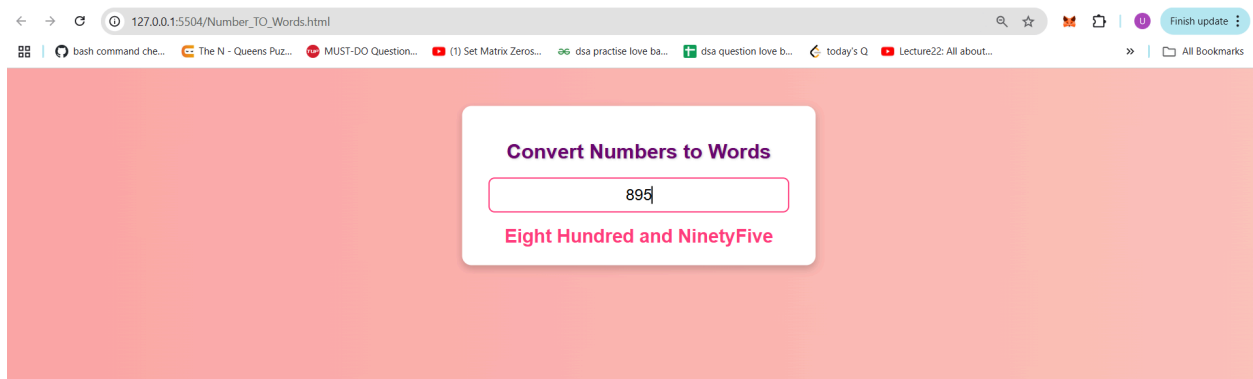
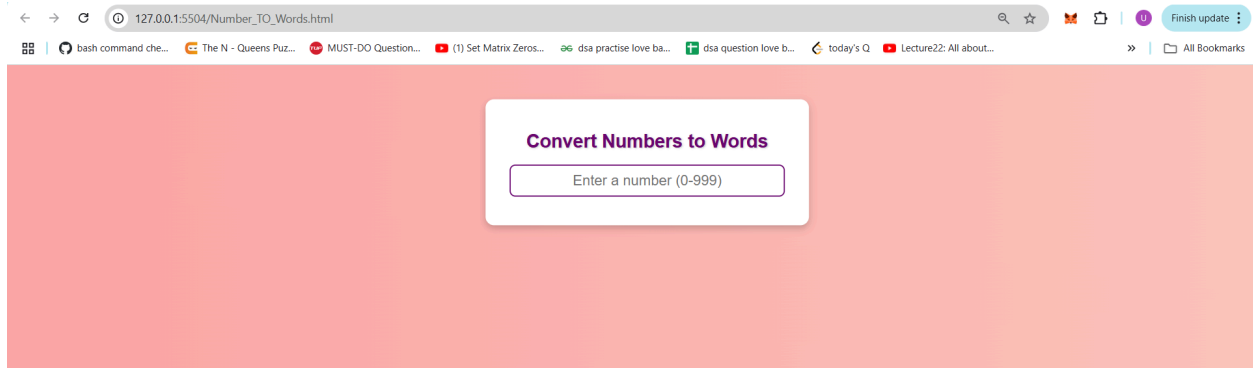
**6 Write an HTML page including any required JavaScript that takes a number from text field in the range of 0 to 999 and shows it in words. It should not accept four and above digits, alphabets and special characters.**



## HTML - Convert Numbers to Words Using JavaScript

829

Eight Hundred and Twenty Nine



## 7 Develop and demonstrate PHP Script for the following problems:

7A) Write a PHP Script to find out the Sum of the Individual Digits.

```
Command Prompt
D:\MCA_SNDT_Notes\sem2\Web_Engineering_Practicals\7th_Practical>php sum_digits.php
Sum of individual digits is: 8
D:\MCA_SNDT_Notes\sem2\Web_Engineering_Practicals\7th_Practical>
```

7B) Write a PHP Script to check whether the given number is Palindrome or not

```
D:\MCA_SNDT_Notes\sem2\Web_Engineering_Practicals\7th_Practical>php palindrome.php
Reverse digits are: 323 <br>323 is a Palindrome
D:\MCA_SNDT_Notes\sem2\Web_Engineering_Practicals\7th_Practical>
```



**8 Create an XML document that contains 10 users information. Write a Java Program, which takes User Id as input and returns the user details by taking the user information from XML document using DOM parser or SAX parser.**

	<pre>cal\ &gt; if (\$?) { javac UserDom.java } ; if (\$?) { java UserDom } Enter User ID: 505 usersinformation  rollno: 505 name: eee branch: cse college: mrcet</pre>
OUTLINE	○ PS D:\MCA_SNDT_Notes\sem2\Web_Engineering_Practicals\8th_Practical> █
TIMELINE	