Practical No. 1

Design a web page that makes use of:
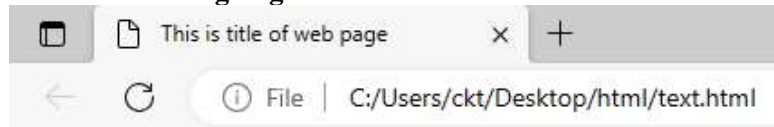
1. **Document Structure Tags**
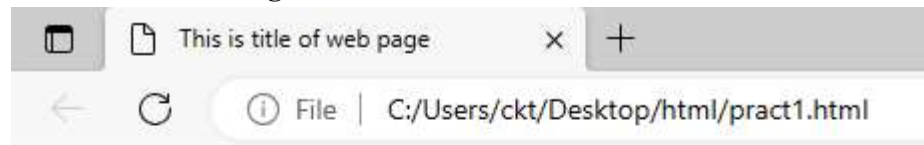
2. **Various text Formatting Tags**

3. List Tags

4. Image and Image Maps

Practical No. 2

Design a Web Page that makes use of:

1. **Table Tags**

2. **Form Tags (forms with various formeelements)**

3. Navigation across Multiple Pages

Anchor tag × +

← C ⓘ File | C:/Users/CKT/Documents/htmlpract/example.html
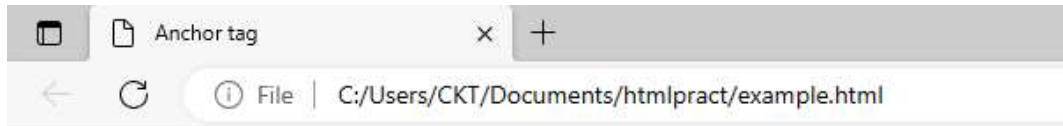
There are tow types of resources we can link to using the anchor atg: internal and external

1. **Internal link:**also know as local links because it links to the pages to which other are part of the same website. Internal links point pages of same website. These are used to add navigation menus into the website through which user can navigate in website.
2. **External link:** External links point to web pages of other websites. External links are used by web developers because it helps to increase the SERP ranking of linked website for search terms. So, remember that linking the competitors' webpage to our website should increase popularity of your competitors' website.
3.

WELCOME TO MY HTML CODE
WELCOME TO GOOGLE PAGE

4. Embedded Multimedia elements
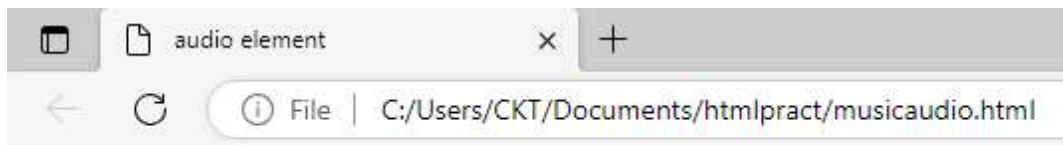
Playing background music

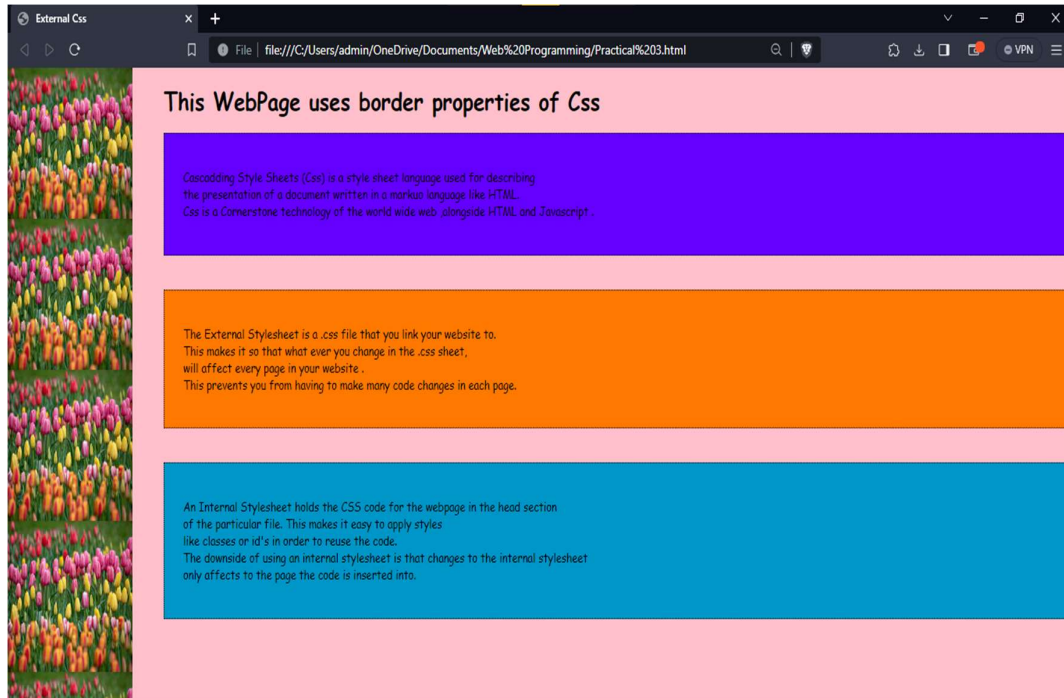# Playing background video

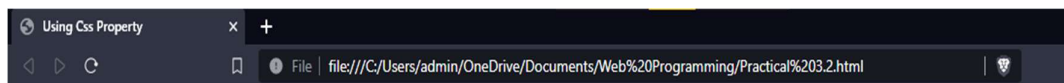# Practical No. 3
Design a javascript program to demonstrate
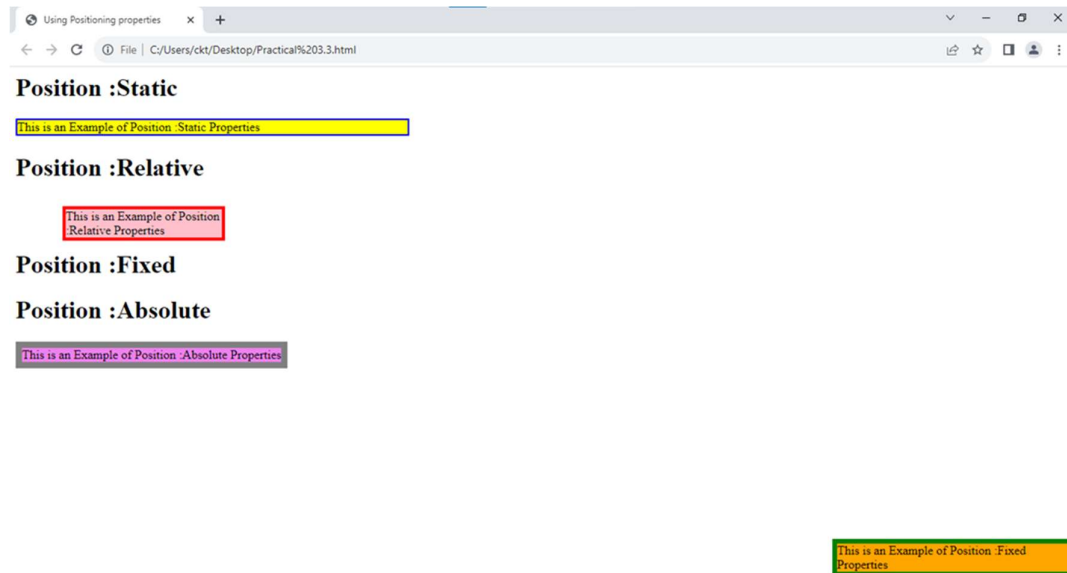1. **External CSS.**

2. **Internal CSS.**

3. Inline CSS (CSS properties for positioning an element).

Practical No. 4

1. CSS Properties to change the Background of the Page.
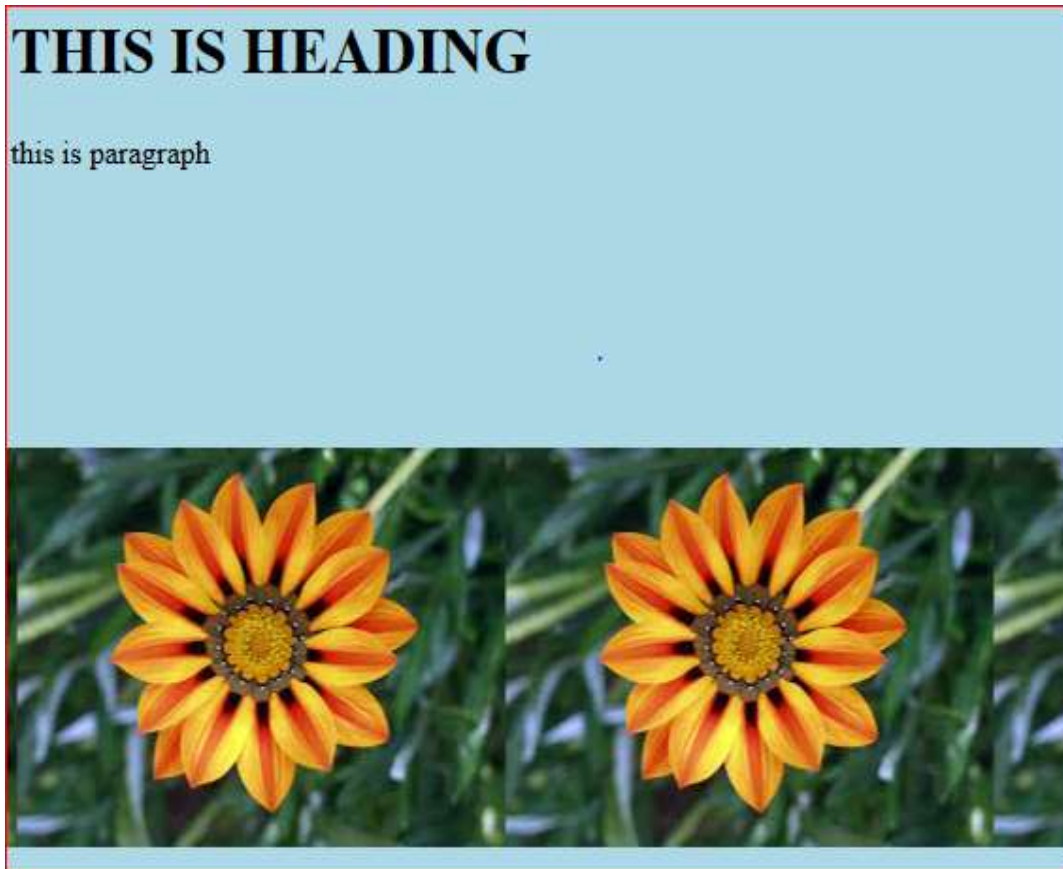
2. CSS properties to change the Font and text Styles

Css font family :

CSS font-family

This paragraph,shown in the Times News Roman font.

This paragraph,shown in the Arial font.

This paragraph,shown in the Lucida Console font.

Css font size :

This is heading 1

This is heading 2

This is a paragraph.

This is another paragraph.

Css font style :

The font-style property

This is a paragraph in normal style.
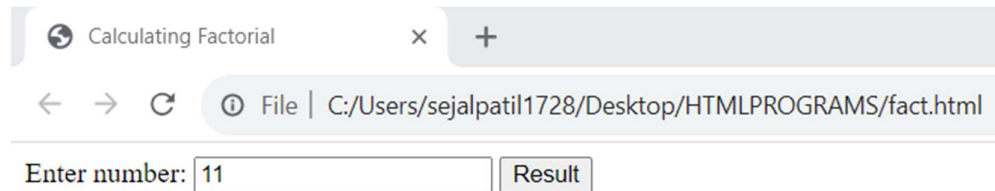
This is a paragraph in italic style.
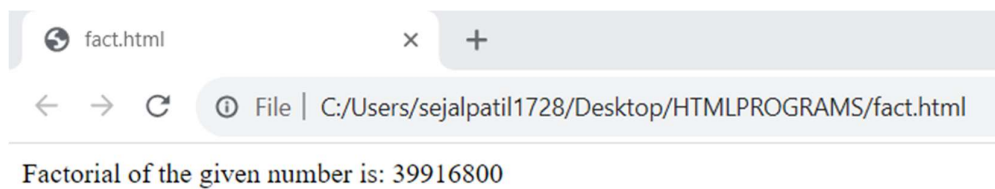
This is a paragraph in oblique style.

Practical No. 5

Define a JavaScript code for Performing various Mathematical Operations as:

1. **Calculating Factorial**
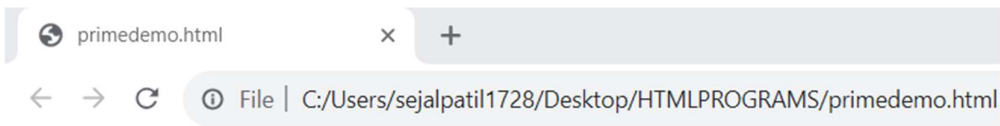
2. **Displaying Prime Numbers**

3. Finding Fibonacci Series

Calculating FibonacciSeries in JavaScript

Enter the number: [20] [Fibonacci]

fibonacci series:
1
1
2
3
5
8
13

4. Addition of numbers

Addition of Two Number in JavaScript

Enter first number:
[13]
Enter second number:
[5]

[Addtion]

5. Evaluating Expressions using eval() function

eval.html   ×   +

← → C   ⓘ File | C:/Users/sejalpatil1728/Desktop/HTMLPROGRAMS/eval.html

click on button to evalute javascript code/expression

Try it

eval.html   ×   +

← → C   ⓘ File | C:/Users/sejalpatil1728/Desktop/HTMLPROGRAMS/eval.html

Evaluting expression is:
30
4
27
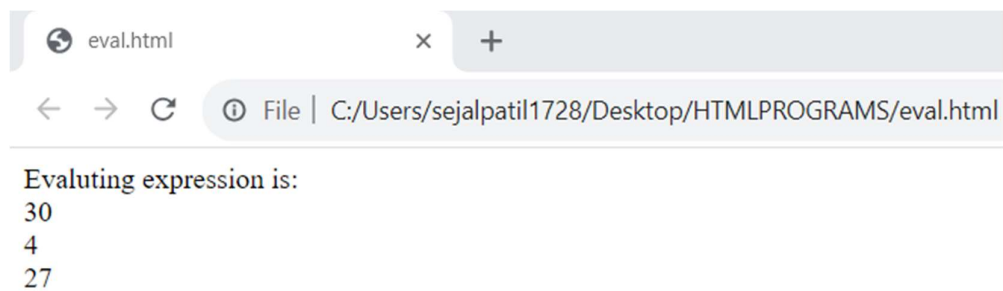
6. Calculating Reverse of the number

Reverse number   ×   +

← → C   ⓘ File | C:/Users/sejalpatil1728/Desktop/HTMLPROGRAMS/reverse.html

Enter Number: 4567   Find_reverse_number

This page says

7654

OK
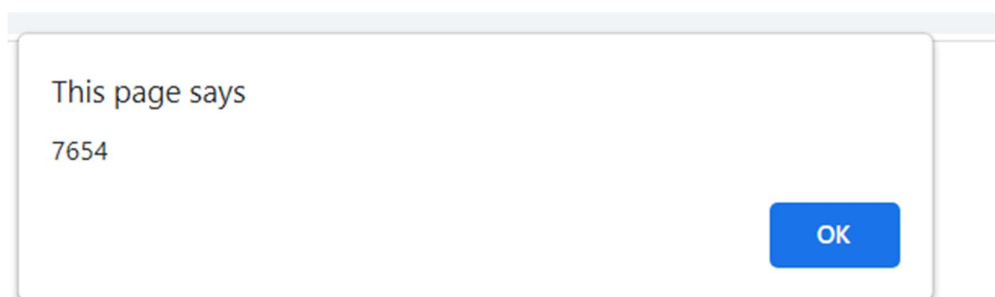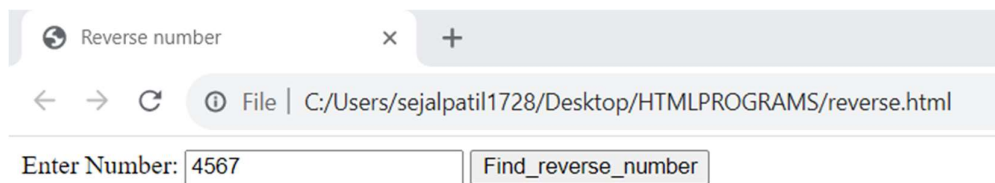
Practical No. 6

Design a JavaScript code for Performing various Validation Operations such as:

1. **Number Validation**
   If I enterded invalid number which is combination of letter and number then

Number Validation

Enter Here number

7890uoh

click here

Enter numberic value only

After entered correct number

Number Validation

Enter Here number

1234567890

click here

Entered correct value

2. Password Validation

When I entered password below the given limit

After entered correct password

Only entered name then

3. Re-Pass Validation
When password is not same

Password Validation

Enter Here Password

[••••••]
retype password

[••••••]

[Click here]

This page says

Password must be same

[OK]

When password is match

Password Validation

Enter Here Password

[••••••]
retype password

[••••••]

[Click here]

This page says

Entered correct password

[OK]

---

4. E-mail Validation
when entered invalid email

Email validation using Javascript

Enter here Email:

[guddip515gmailcom] [click here]

This page says

please enter valid e-mail address
atposition:-1
dotposition:-1

[OK]

And when entered correct email address

Email validation using Javascript

Enter here Email:

[guddip515@gmail.com] [click here]

This page says

you have entered correct e-mail address

[OK]

5. Phone Number Validation

When entered invalid number

When entered correct number

Practical No. 7

1. **Demonstrate JavaScript Objects such as Strings/ Regular Expression/ Math/Date.**
   Strings

← → C   ⓘ File | E:/cs/demo.html
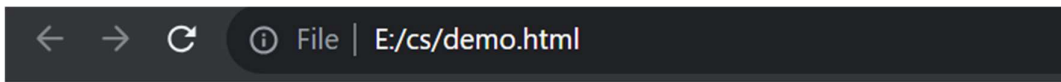
Hey diddle, the cat and the fiddle. The cow jumped over the moon.
The little dog laughed to see such fun, and the dish ran away with the spoon!

Length of string is 65

It's alright

We are the so-called "Vikings" from the north.

    Regular expression

                                              18

REGULAR EXPRESSION

                                  All these are not POSSIBLE using HTML!

[Click]

                                  true

    Math

← → C   ⓘ File | E:/cs/demo.html
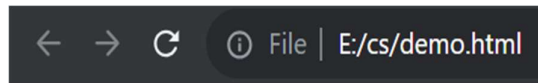
JavaScript Math Demo

PI=3.141592653589793
random number 9
rounding 6
pow=1000
square root=8
absolute=67.7
ceil=7
floor 4
sin=1
cos=1
finding max=150
finding min=-200

Date

Date Demonstration

Thu Sep 28 2023 06:56:29 GMT+0530 (India Standard Time)
Thu Sep 28 2023 06:56:29 GMT+0530 (India Standard Time)

Mon Aug 30 2004 17:11:00 GMT+0530 (India Standard Time)

Thu Jan 01 1970 18:06:40 GMT+0530 (India Standard Time)

Thu Jun 24 1999 11:33:30 GMT+0530 (India Standard Time)

Thu Jun 24 1999 00:00:00 GMT+0530 (India Standard Time)

d.toUTCString() Thu, 28 Sep 2023 01:26:29 GMT

2. Demonstrate JavaScript Objects such as Window/ Navigator/ History/Location/ Document

window

Browser inner window width : 1366, height : 657 .
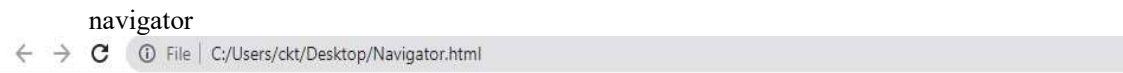
navigator

JavaScript Navigator Object

navigator.appCodeName : Mozilla
navigator.appName : Netscape
navigator.appVersion : 5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/109.0.0.0 Safari/537.36
navigator.cookieEnabled : true
navigator.language : en-IN
navigator.userAgent : Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/109.0.0.0 Safari/537.36
navigator.platform : Win32
navigator.onLine : true

History

Click To GO Back
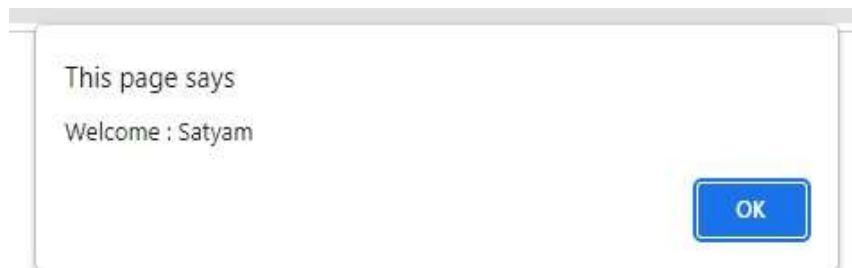
Back
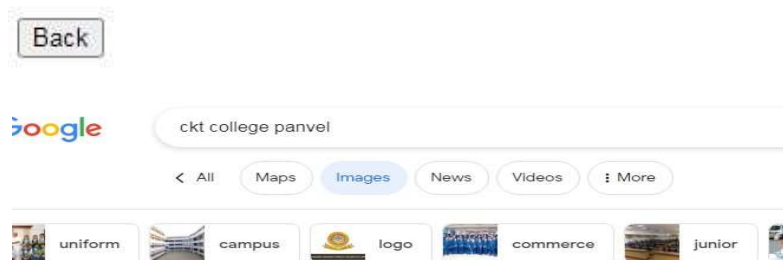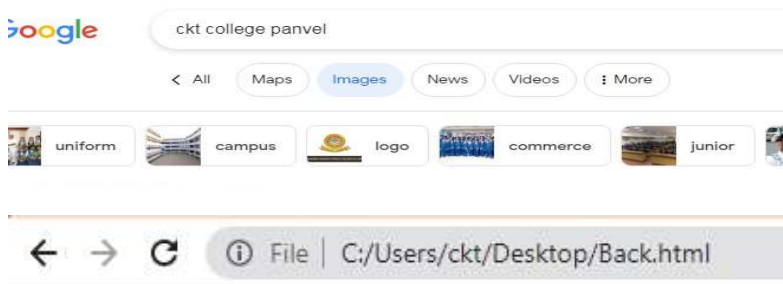
location

JavaScript

The window.location object

The full URL of this page is :
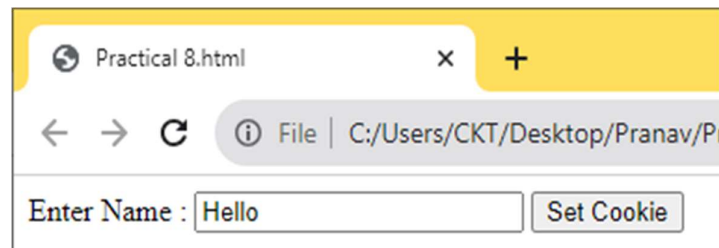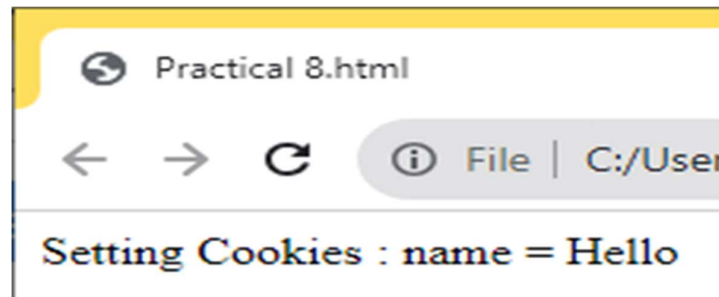file:///C:/Users/ckt/Desktop/location.html

Document

Enter Name: Satyam

Print Name

This page says

Welcome : Satyam

OK

Practical No. 8

Design JavaScript program for Storing and Returning Cookies

1.

Practical 8.html

File | C:/Users/CKT/Desktop/Pranav/Pr

Enter Name : Hello   Set Cookie

After clicking on set cookie button:

Practical 8.html

File | C:/User

Setting Cookies : name = Hello

2.

Click to set and get Cookie data

Set and Get Cookie

After clicking on the get cookie button(vamp server has to be connect and run the file from root)

Data of all cookies: Jayesh=103
key is: Jayesh and value is: 103

Practical No. 9

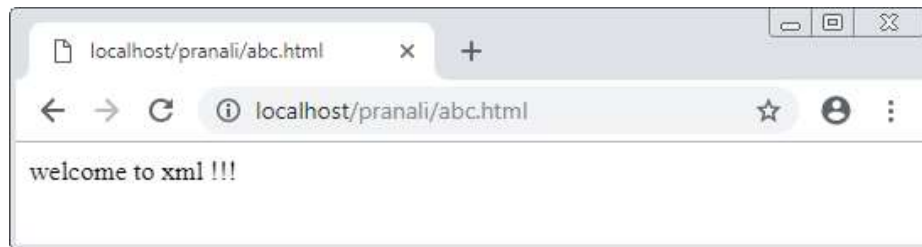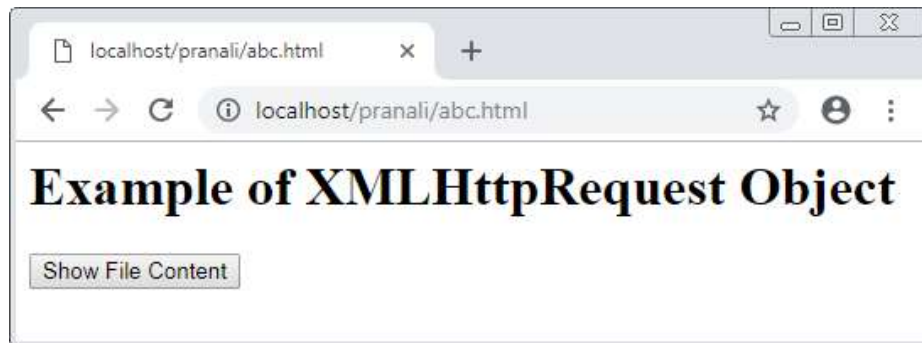**Create a XML file with Internal/External DTD and display it using**
a. CSS
b. XSL

D:\SY WEB\address.xml

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PRACTICAL NO: 10

AIM: Design a web page to handle asynchronous request using AJAX.
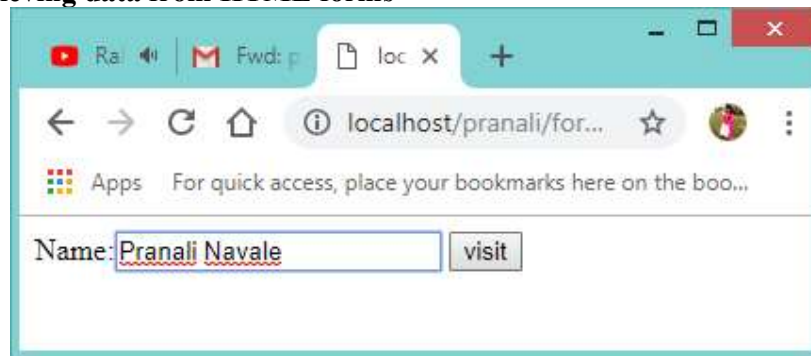
1. **On onclick event**
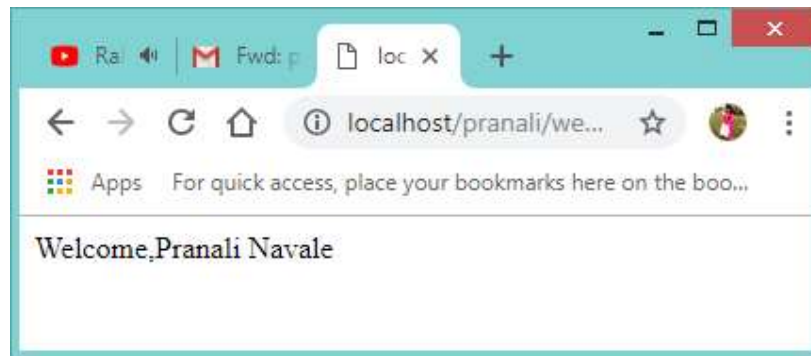

2. **On mouseover event.**
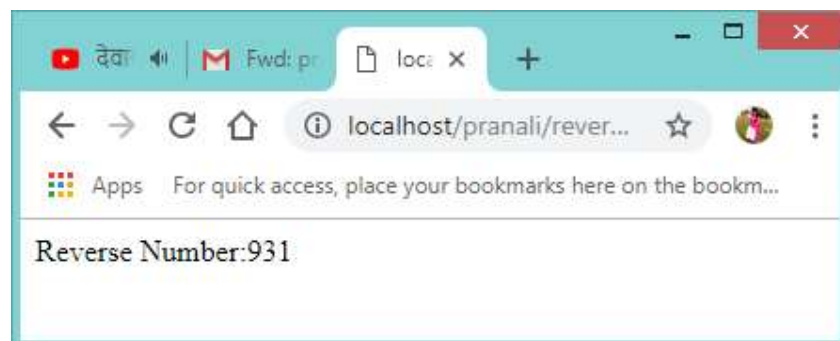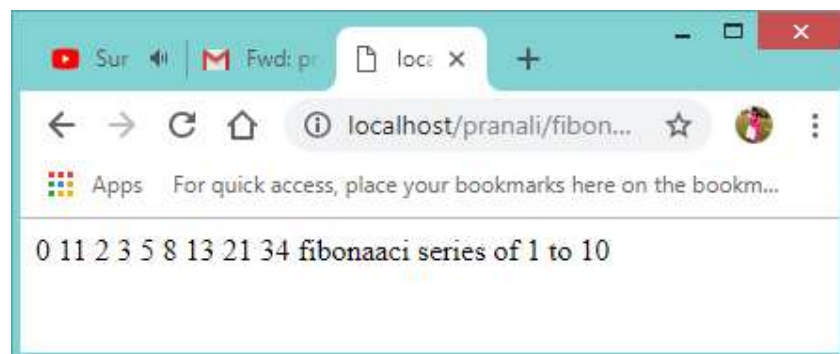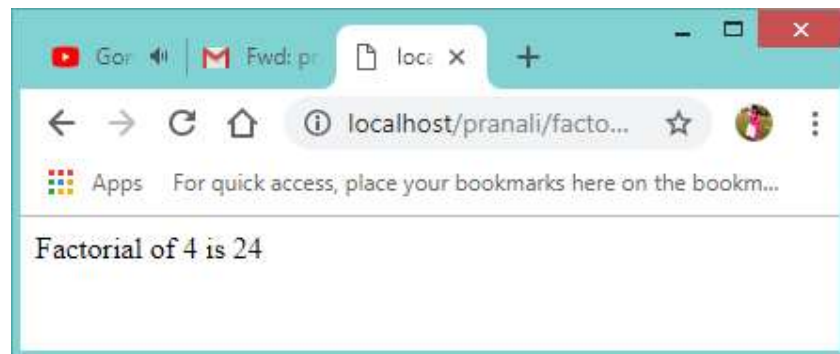
PRACTICAL NO: 11

AIM: Write PHP script for

1. **Retrieving data from HTML forms**

2. **Performing certain mathematical operations such as calculating factorial / finding Fibonacci series / displaying given number is prime or not/ evaluating expressions / calculating reverse of a number.**
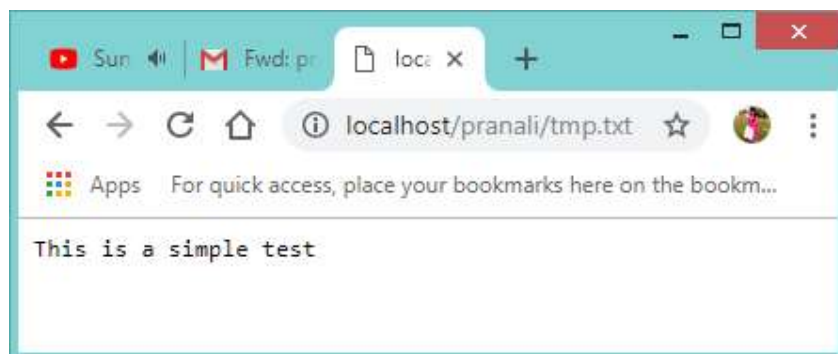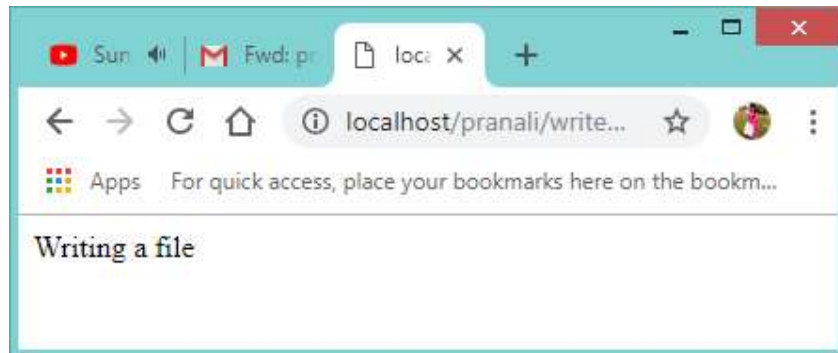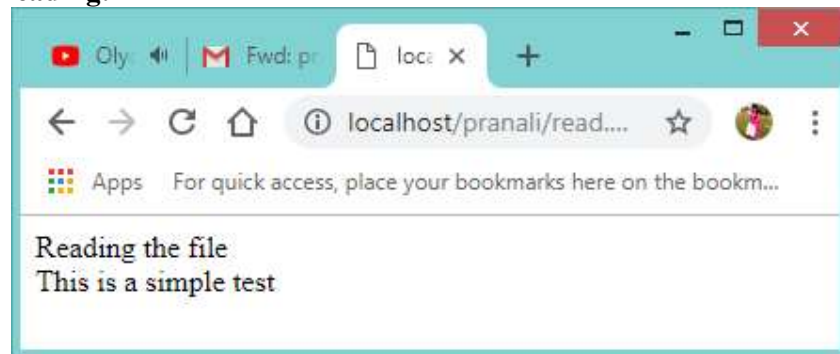
Practical no.12

Design PHP Script for:

1. **Working with array**

The students are Rohit,Radhika,Shreyas

2. **Working with files(reading/writing)**

3. file reading:

PRACTICAL NO: 13

Aim: Write a PHP program to create a database named "college" .Create a table named "student " with following fields(sno, sname, percentage). Insert 3 records of your choice. Display the name of the students whose percentage is between 35 to 75 in a tabular format.

Database PHP

Database EMP_record created successfully
Table student created successfully
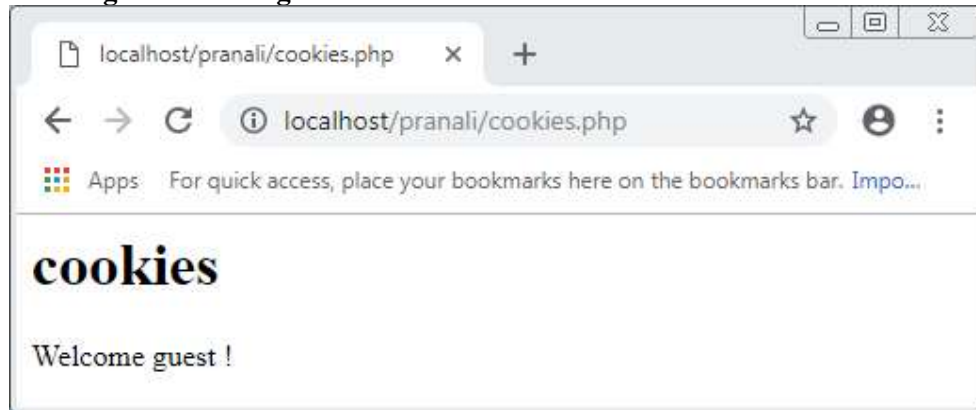3 rows inserted

Sr no.	Name	Percentage
1	Sumit	56
2	Sneha	78
3	Amit	78

Table Data Percentage Between 35 to 75

Sr no.	Name	Percentage
1	Sumit	56

Practical No:14

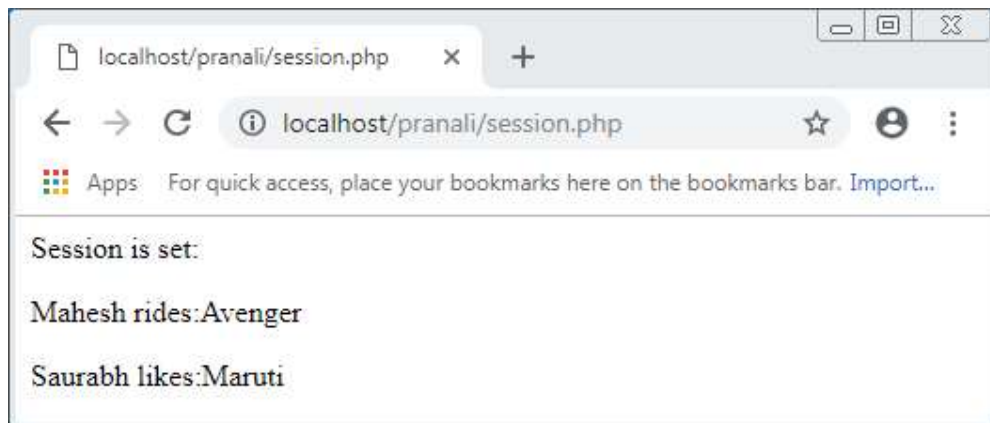**Aim: Design PHP Scripts for**

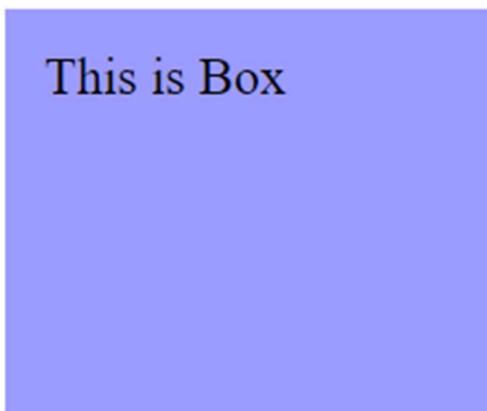4. **Storing & retriewing Cookies**

5. **Storing & retrieving sessions**

PRACTICAL NO: 15

Aim: Design a Web Page with some jQuery Animation Effects.

Click on Show and Hide buttons to see the result:

This is Box

[Hide Box] [Show Box]