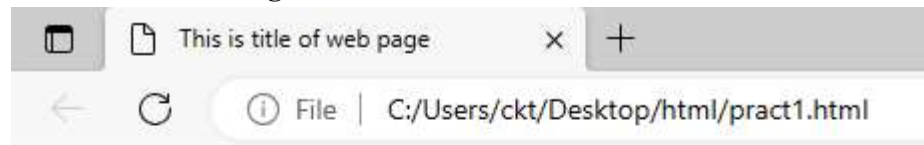


Practical No. 1

Design a web page that makes use of:

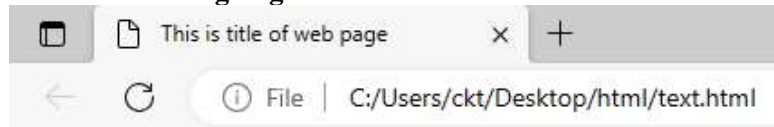
1. Document Structure Tags



web programming.

this is practical number 1.

2. Various text Formatting Tags



Bold Text element.

strong Text element.

Italic Text element.

emphasized Text element.

Undrline Text element.

Undrline Text element.

Mark Text element.

small Text element.

~~deleted text~~ Text element.

This _{subscript} Text element.

This ^{superscript} Text element.

3. List Tags



Unordered list

- Web programming
- Python
- C++
- Operating system
- Toc

Ordered list

- Web programming
- Python
- C++
- Operating system
- Toc

4. Image and Image Maps




Using Image in Webpage.



Practical No. 2

Design a Web Page that makes use of:

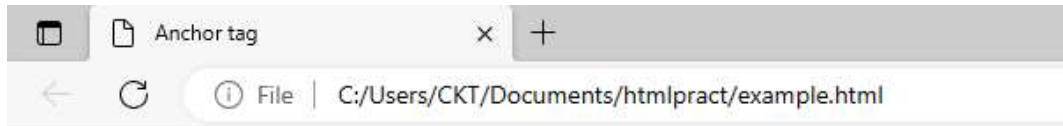
1. Table Tags

Electrcity bill			
File C:/Users/CKT/Documents/htmlpract/pract.html			
Month	Year	Reading	Total
June	2018	528	1000.00
Name: Sejal patil			
Address: panvel			
Note:you can use paytm to pay the bill			
Thank you!!		Any Queries call on 1234689166	

2. Form Tags (forms with various form elements)

Paper Stack	
File C:/Users/CKT/Documents/htmlpract/loginpage.html	
User First name	<input type="text" value="sejal"/>
User Last name	<input type="text" value="patil"/>
Contact Number	<input type="text" value="xxxxxx10"/>
Gender:	<input type="radio"/> Male <input checked="" type="radio"/> Female
Hobbies:	<input type="checkbox"/> Sports <input checked="" type="checkbox"/> Entertainment <input type="checkbox"/> News
Country	<input type="text" value="India"/>
<input type="button" value="Reset"/>	<input type="button" value="login"/>

3. Navigation across Multiple Pages



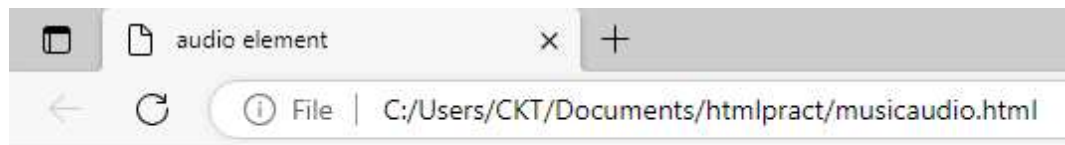
There are two types of resources we can link to using the anchor tag: internal and external

1. **Internal link:** also known as local links because it links to the pages to which others are part of the same website. Internal links point to pages of the same website. These are used to add navigation menus into the website through which users can navigate in the 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 the linked website for search terms. So, remember that linking the competitors' webpage to our website should increase the 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



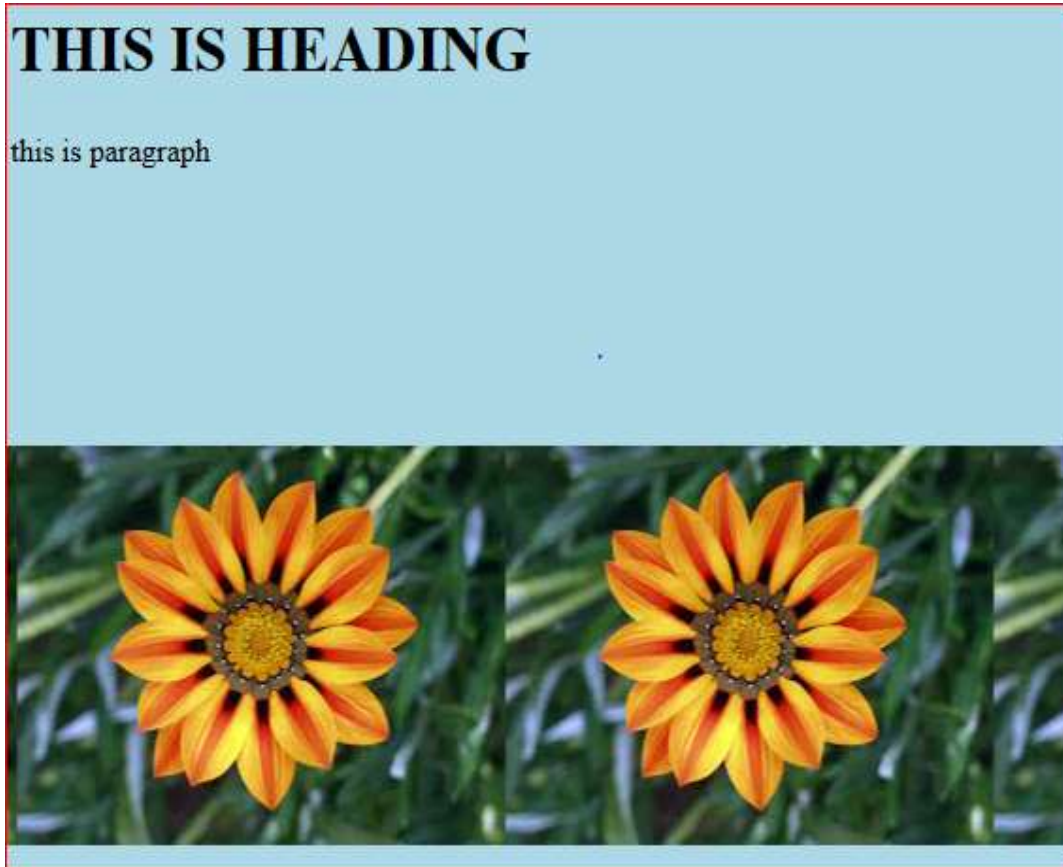
Practical No. 3

Design a javascript program to demonstrate

- a. External CSS.
- b. Internal CSS.
- c. 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.

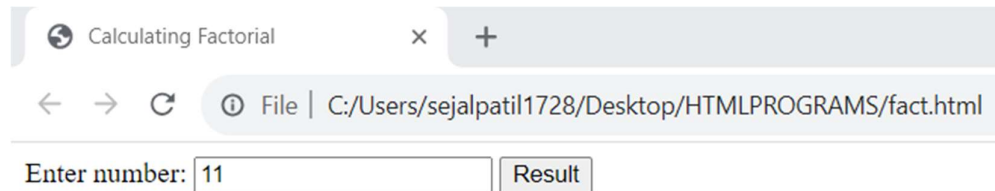
This is a paragraph in italic style.

This is a paragraph in oblique style.

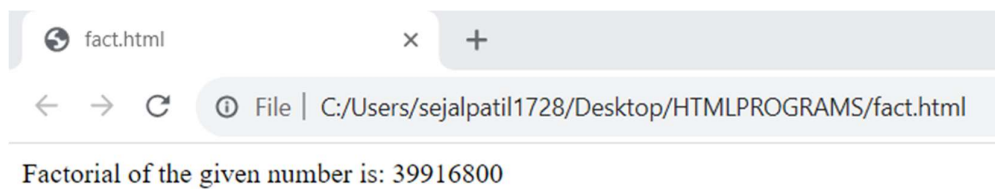
Practical No. 5

Define a JavaScript code for Performing various Mathematical Operations as:

1. Calculating Factorial

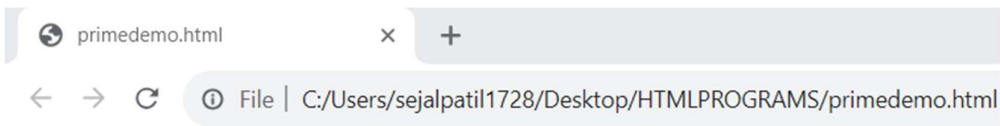


A screenshot of a web browser window with a single tab titled "Calculating Factorial". The address bar shows the file path "C:/Users/sejalpatil1728/Desktop/HTMLPROGRAMS/fact.html". Below the address bar, there is a form with the label "Enter number:" followed by a text input field containing the value "11" and a button labeled "Result".



A screenshot of a web browser window with a single tab titled "fact.html". The address bar shows the file path "C:/Users/sejalpatil1728/Desktop/HTMLPROGRAMS/fact.html". Below the address bar, the text "Factorial of the given number is: 39916800" is displayed.

2. Displaying Prime Numbers



A screenshot of a web browser window with a single tab titled "primedemo.html". The address bar shows the file path "C:/Users/sejalpatil1728/Desktop/HTMLPROGRAMS/primedemo.html". Below the address bar, there is a form with the label "Enter Number:" followed by a text input field containing the value "20" and a button labeled "PrimeNumber".

Calculating prime Number in JavaScript

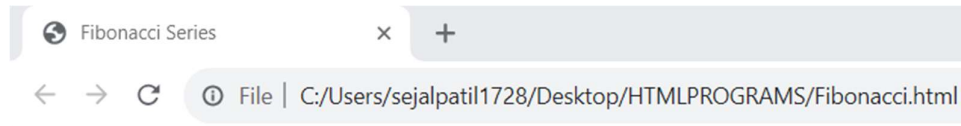


A screenshot of a web browser window with a single tab titled "primedemo.html". The address bar shows the file path "C:/Users/sejalpatil1728/Desktop/HTMLPROGRAMS/primedemo.html". Below the address bar, the text "Prime number are:" is displayed, followed by a list of prime numbers: 2, 3, 5, 7, 11, 13, 17, and 19.

Prime number are:

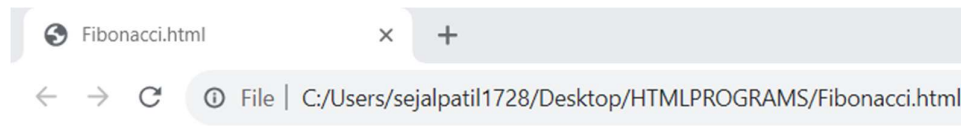
2
3
5
7
11
13
17
19

3. Finding Fibonacci Series



Calculating FibonacciSeries in JavaScript

Enter the number:



fibonacci series:

1
1
2
3
5
8
13

4. Addition of numbers

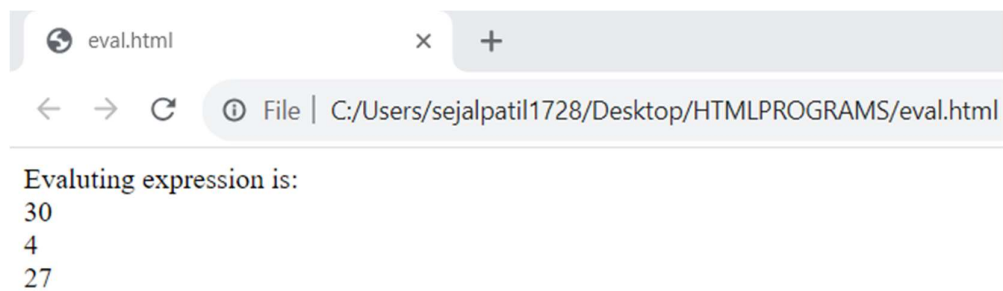


Addition of Two Number in JavaScript

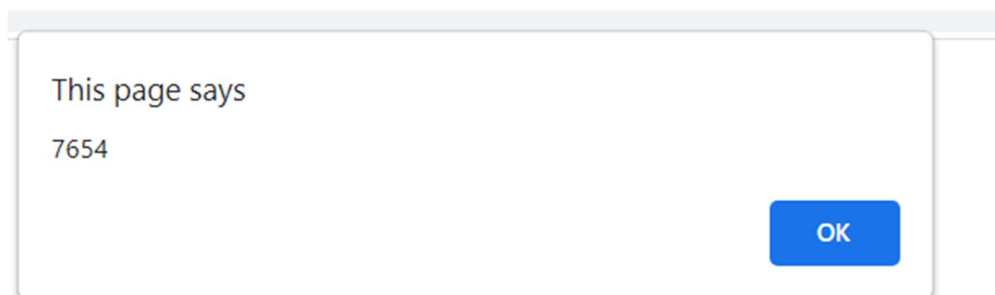
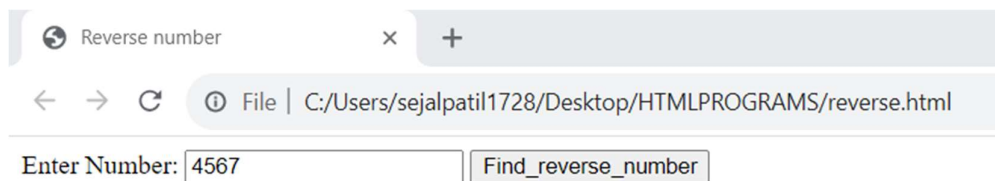
Enter first number:

Enter second number:

5. Evaluating Expressions using eval() function



6. Calculating Reverse of the number



Practical No. 6

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

1. Number Validation

If I entered invalid number which is combination of letter and number then

Number Validation

Enter Here number

Enter numeric value only

After entered correct number

Number Validation

Enter Here number

Entered correct value

2. Password Validation

When I entered password below the given limit

← → ↻ ⓘ File | E:/cs/demo.html

Password validation using javaScript

Enter name
prachi

Enter password
...

Click here

This page says

Password must be atleast 6 characters long

OK

After entered correct password

← → ↻ ⓘ File | E:/cs/demo.html

Password validation using javaScript

Enter name
prachi

Enter password

Click here

This page says

Login succefully

OK

Only entered name then

← → ↻ ⓘ File | E:/cs/demo.html

Password validation using javaScript

Enter name
prachi

Enter password

Click here

This page says

Name and password can't be blank

OK

3. Re-Pass Validation

When password is not same

< > ↺ ⓘ File | E:/cs/demo.html

Password Validation

Enter Here Password

retype password

Click here

This page says

Password must be same

OK

When password is match

< > ↺ ⓘ File | E:/cs/demo.html

Password Validation

Enter Here Password

retype password

Click here

This page says

Entered correct password

OK

4. E-mail Validation

when entered invalid email

< > ↺ ⓘ File | E:/cs/demo.html

Email validation using Javascript

Enter here Email:

click here

This page says

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

OK

And when entered correct email address

< > ↺ ⓘ File | E:/cs/demo.html

Email validation using Javascript

Enter here Email:

click here

This page says

you have entered correct e-mail address

OK

5. Phone Number Validation

When entered invalid number



The screenshot shows a web browser window with the address bar displaying "File | E:/cs/demo.html". The page title is "Phone number validation using JavaScript". Below the title, there is a label "Enter here Phone_number:" followed by a text input field containing "84336986". Below the input field is a button labeled "click here". A dark overlay box on the right side of the page contains the text "This page says" and "phone number must be have 10 digits!!!!" with an "OK" button.

Phone number validation using JavaScript

Enter here Phone_number:

click here

This page says
phone number must be have 10 digits!!!!

OK

When entered correct number



The screenshot shows a web browser window with the address bar displaying "File | E:/cs/demo.html". The page title is "Phone number validation using JavaScript". Below the title, there is a label "Enter here Phone_number:" followed by a text input field containing "8433698623". Below the input field is a button labeled "click here". A dark overlay box on the right side of the page contains the text "This page says" and "Entered correct number" with an "OK" button.

Phone number validation using JavaScript

Enter here Phone_number:

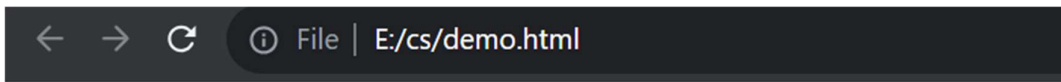
click here

This page says
Entered correct number

OK

Practical No. 7

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



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



REGULAR EXPRESSION

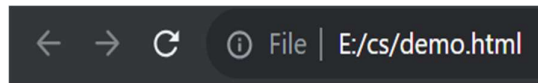
Click

18

All these are not POSSIBLE using HTML!

true

Math



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)

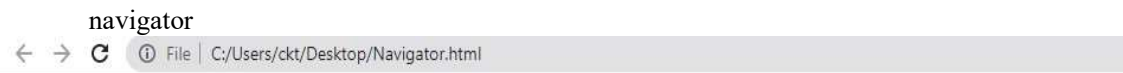
Thu Jan 01 1970 18:06:40 GMT+0530 (India Standard Time)

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

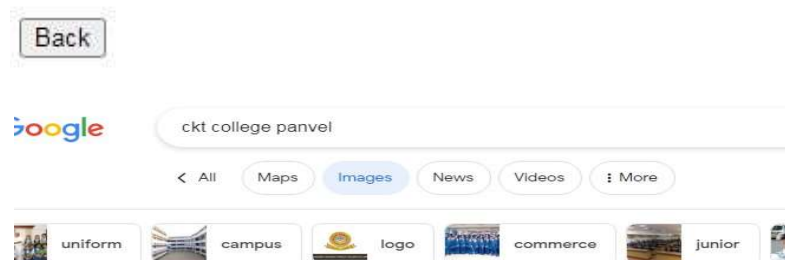
2. Demonstrate JavaScript Objects such as Window/ Navigator/ History/Location/ Document window



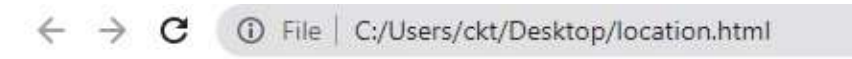
JavaScript Navigator Object

```
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



location



JavaScript

The window.location object

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

Document



Enter Name:

