Practical No. 1

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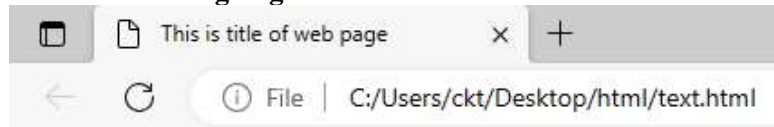
1. **Document Structure Tags**
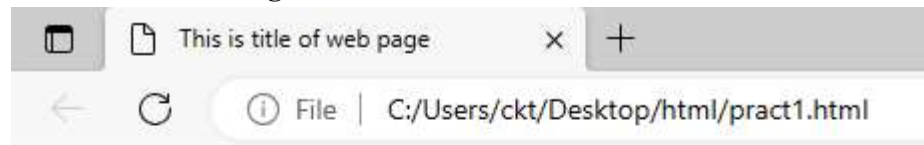
2. **Various text Formatting Tags**

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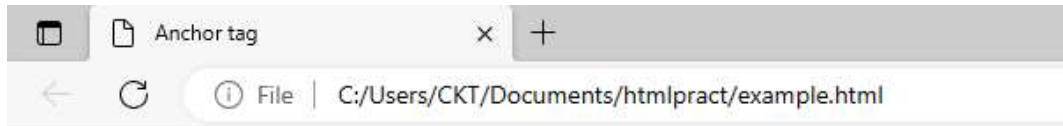
There are tow types of resources we can link to using the anchor atg: internal and external

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
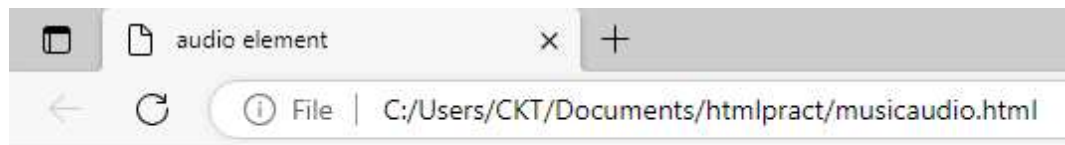
Playing background music

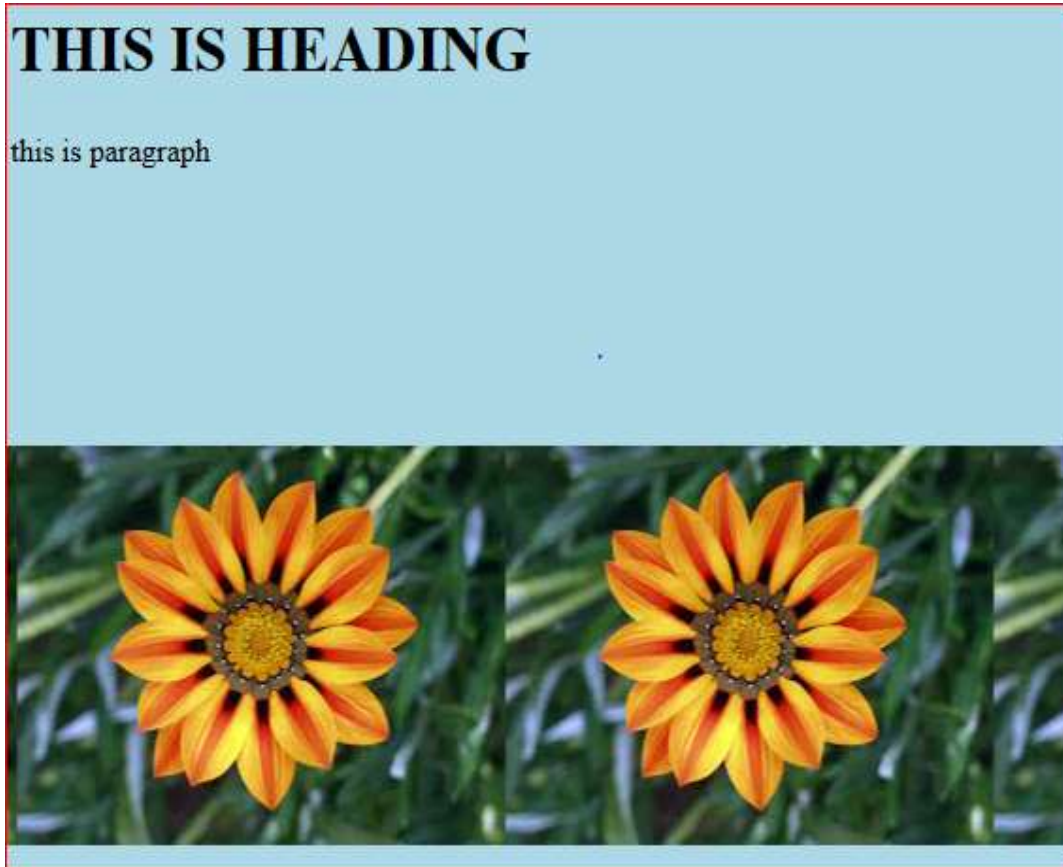# Playing background video

Practical No. 3
Design a javascript program to demonstrate
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.
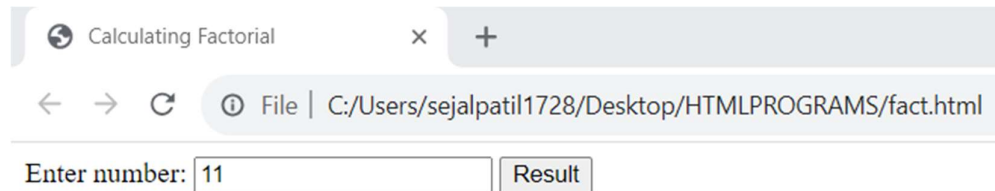
This is a paragraph in italic style.
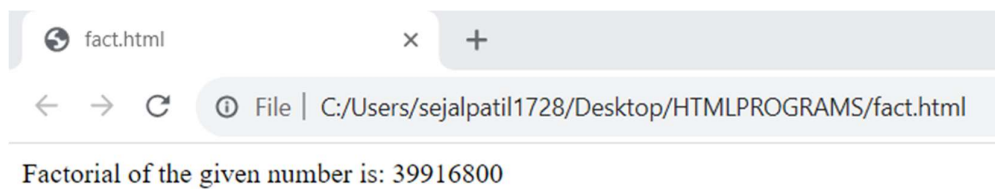
This is a paragraph in oblique style.

Practical No. 5

Define a JavaScript code for Performing various Mathematical Operations as:

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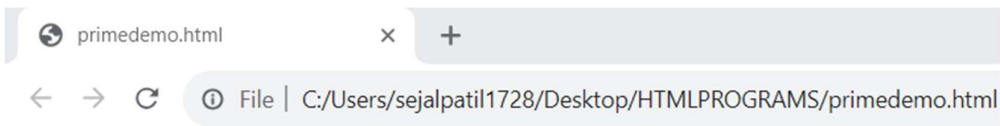
2. **Displaying Prime Numbers**

3. Finding Fibonacci Series

Calculating FibonacciSeries in JavaScript

Enter the number: [20]   [Fibonacci]
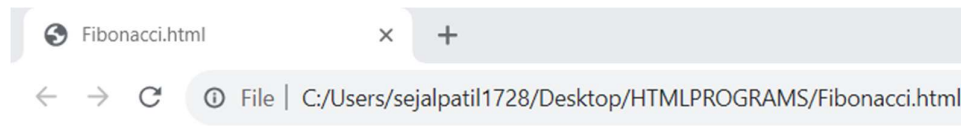
fibonacci series:
1
1
2
3
5
8
13

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

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

click on button to evalute javascript code/expression

Try it

eval.html

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

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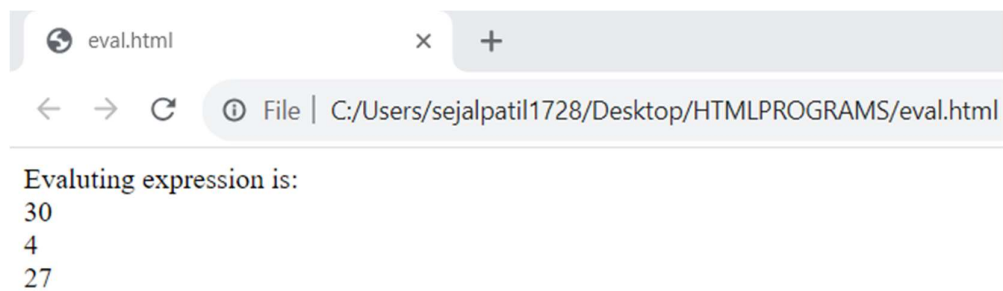
6. Calculating Reverse of the number

Reverse number

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

Enter Number: 4567   Find_reverse_number

This page says

7654

OK
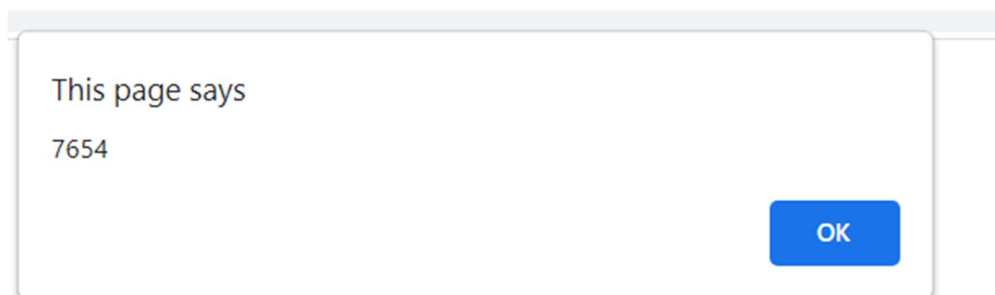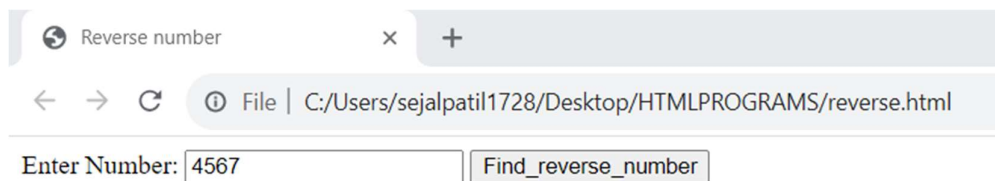
Practical No. 6

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

Phone number validation using JavaScr...

Enter here Phone_number:

84336986

click here

This page says

phone number must be have 10 digits!!!!

OK

When entered correct number

Phone number validation using JavaScr...

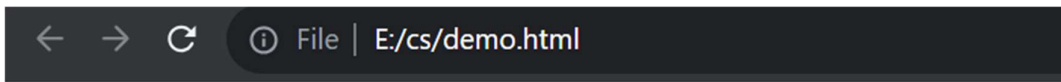**Enter here Phone_number:**

8433698623

click here

This page says

Entered correct number

OK

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

REGULAR EXPRESSION

[Click]

18

All these are not POSSIBLE using HTML!

true

Math

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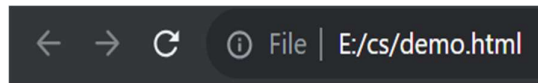
JavaScript Math Demo

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 .
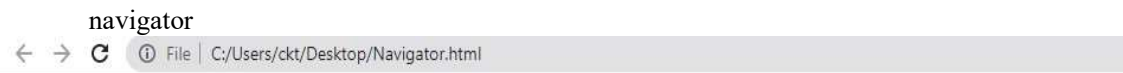
navigator

**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
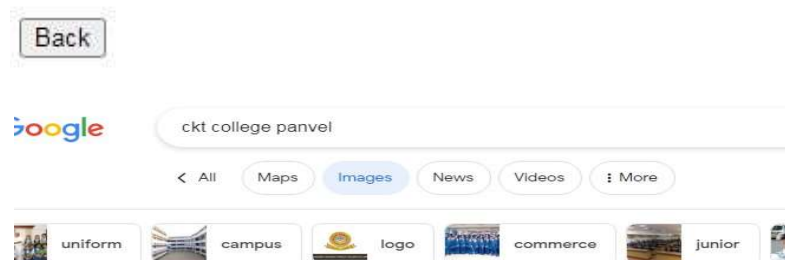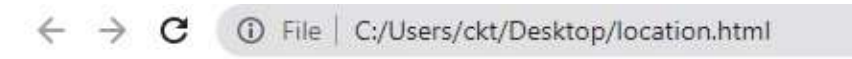
location

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