# Practical No. 1

## Design a web page that makes use of:

1. Document Structure Tags
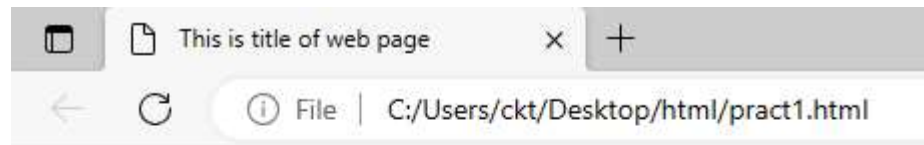


2. Various text Formatting Tags

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



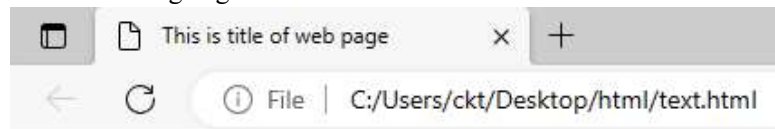Using Image in Webpage.
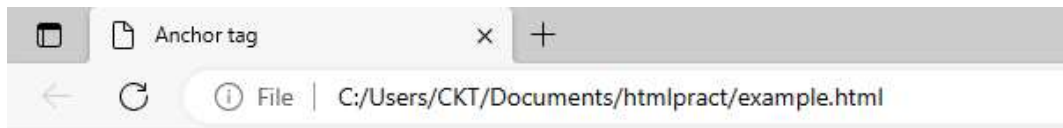
# Practical No. 2

## Design a Web Page that makes use of:

1. Table Tags



2. Form Tags (forms with various formeelements)

3. Navigation across Multiple Pages

Anchor tag

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
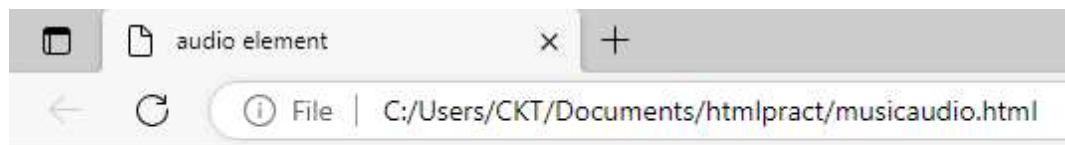
Practical No. 3
Design a javascript program to demonstrate
a. External CSS.
b. Internal CSS.
c. Inline CSS (CSS properties for positioning an element).
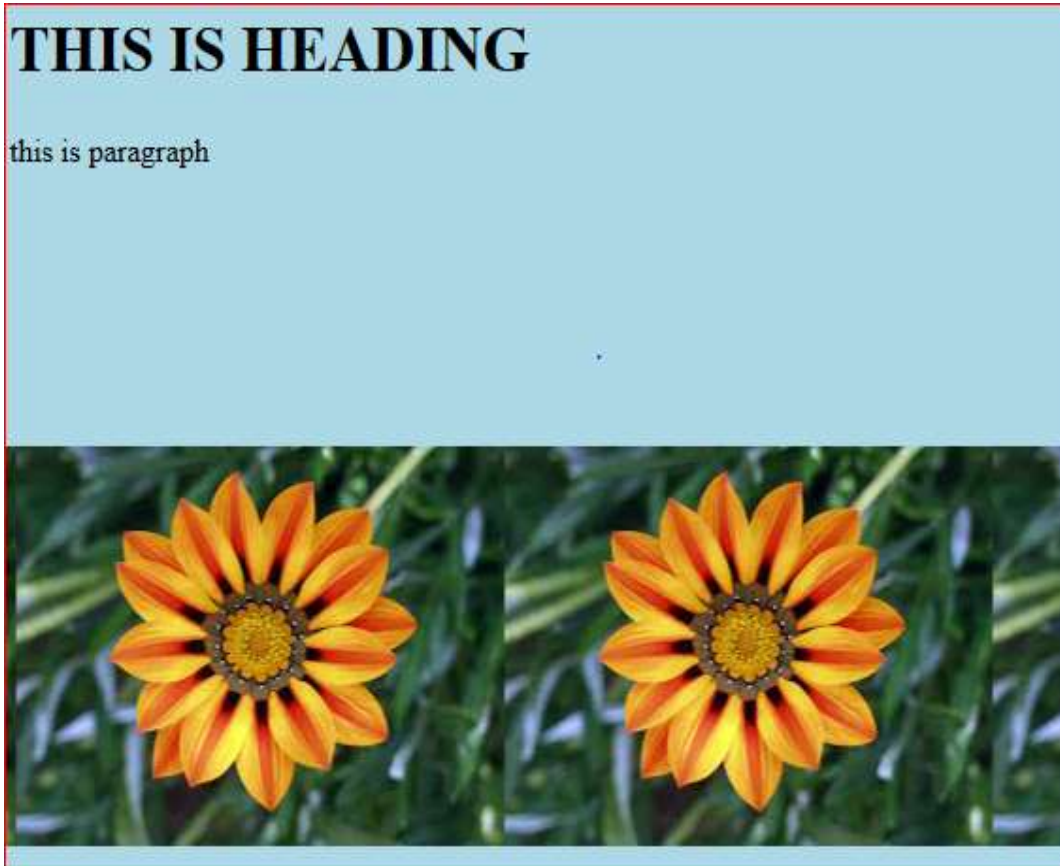
# Practical No. 4

1. CSS Properties to change the Background of the Page.



**b. CSS properties to change the Font and ext Styles**
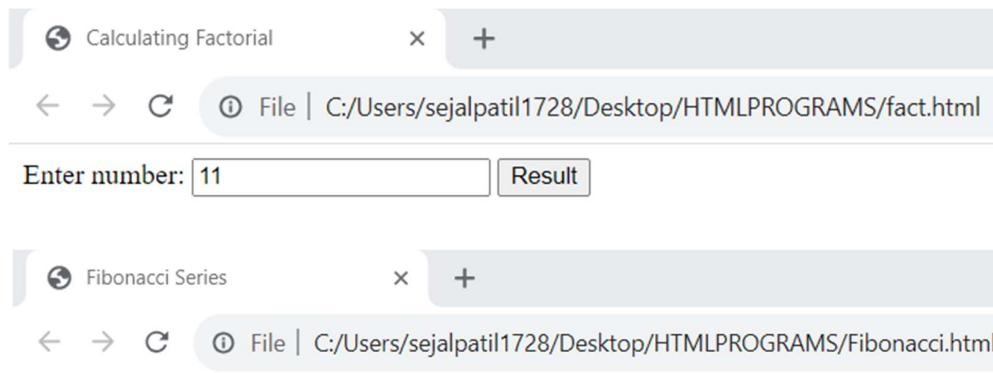
# Practical No. 5

**Define a JavaScript code for Performing various Mathematical Operations as:**

1. a. Calculating Factorial

Calculating Factorial    ×   +

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

Enter number: 11     Result
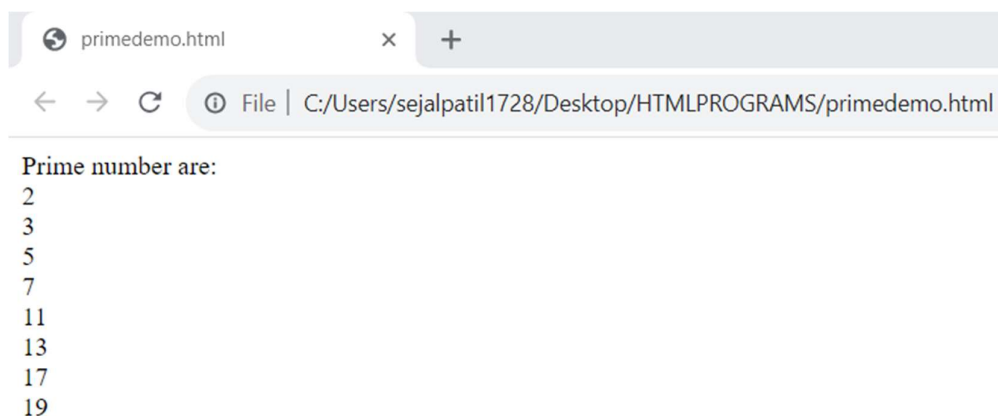
Fibonacci Series    ×   +

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

## Calculating FibonacciSeries in JavaScript

Enter the number: 20     Fibonacci

2. b. Displaying Prime Numbers

primedemo.html    ×   +

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

Prime number are:
2
3
5
7
11
13
17
19

3. c. Finding Fibonacci Series



**Calculating prime Number in JavaScript**

Enter Number: 20    [PrimeNumber]

Fibonacci.html

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

fibonacci series:
1
1
2
3
5
8
13

fact.html

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

Factorial of the given number is: 39916800

4. d. Addition of numbers
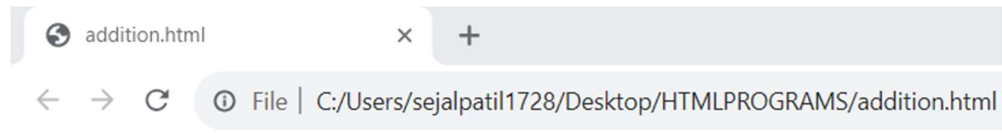
# Addition of Two Number in JavaScript

Enter first number:

`13`

Enter second number:

`5`

[ Addtion ]

Addtion of two number : 18

5. e. Evaluating Expressions using eval() function

# click on button to evalute javascript code/expression

[ Try it ]

Evaluting expression is:

30

4

27

6. f. Calculating Reverse of the number

Enter Number: 4567    Find_reverse_number

This page says

7654

OK
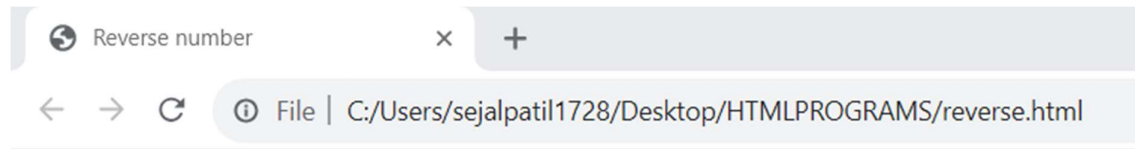
Practical No. 6
Design a JavaScript code for Performing various Validation Operations such a
1. a. Number Validation

# **Number Validation**

### **Enter Here number**

7890uoh

click here

# Enter numberic value only

# **Number Validation**

### **Enter Here number**

1234567890

click here

# Entered correct value

2. b. Password Validation

← → C  ⓘ File | E:/cs/demo.html

## **Password validation using javaScript**

Enter name
prachi
Enter password
•••

Click here

This page says

Password must be atlest 6 characters long
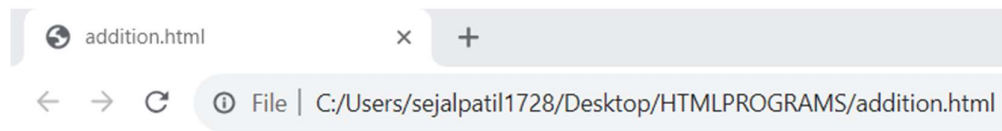
OK

← → C  ⓘ File | E:/cs/demo.html

## **Password validation using javaScript**

Enter name
prachi
Enter password
••••••

Click here

This page says

Login succefully

OK

← → C  ⓘ 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. c. Re-Pass Validation

← → C | ⓘ File | E:/cs/demo.html

# Password Validation

**Enter Here Password**

[••••••••]

retype password

[••••••]

[Click here]

This page says

Password must be same

[OK]

← → C | ⓘ File | E:/cs/demo.html

# Password Validation

**Enter Here Password**

[••••••••]

retype password

[••••••••]

[Click here]

This page says

Entered correct password

[OK]

4. d. E-mail Validation

← → C | ⓘ File | E:/cs/demo.html

# Email validation using Javascript

**Enter here Email:**

[guddip515gmailcom] [click here]

This page says

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

[OK]

← → C | ⓘ File | E:/cs/demo.html

# Email validation using Javascript

**Enter here Email:**

[guddip515@gmail.com] [click here]

This page says

you have entered correct e-mail address

[OK]

5. e. Phone Number Validation

← → C | ⓘ File | E:/cs/demo.html

# Phone number validation using JavaScr

**Enter here Phone_number:**

[84336986]

[click here]

This page says

phone number must be have 10 digits!!!!

[OK]

← → C | ⓘ File | E:/cs/demo.html

# Phone number validation using JavaScr

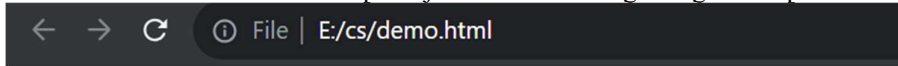**Enter here Phone_number:**

[8433698623]

[click here]

This page says

Entered correct number

[OK]

Practical No. 7
1. a. Demonstrate JavaScript Objects such as Strings/ Regular Expression/ Math/Date.

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!
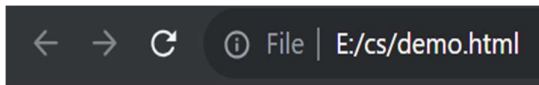
Length of string is 65

It's alright

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

REGULAR EXPRESSION    18

All these are not POSSIBLE using HTML!

Click

true

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

Practical No. 8
    3.   Design JavaScript program for Storing and Returning Cookies

Practical No. 9
Create a XML file with Internal/External DTD and display it using
a. CSS
b. XSL