1. HTML

[1]

```
<html>
<head>
    <title> Example of HTML </title>
</head>
<body>
    <h1> Pritam Makwana </h1> </br>
    <h2> Pritam Makwana </h2> </br>
    <h3> Pritam Makwana </h3> </br>
    <h4> Pritam Makwana </h4> </br>
    <h5> Pritam Makwana </h5> </br>
    <h6> Pritam Makwana </h6> </br>
</body>
</html>
```

→ ઉપર ના આ </br> ના ઉપયોગ લીધી છોડવા આવ્યા છે.

Pritam Makwana

Pritam Makwana

Pritam Makwana

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[2] <html>
<head>
<titel> Horizatal Line </titel>
</head>
<body>
<P> The tag offers a way to stuctures your info diffrent paragrahs </P> <hr>
<P> Each paragraph of text shoul go in betteween and opning p tag and a closing p tag </p>
</body>
</html>

output

Horizanatal Line

The p tag offers a way to stuctues your text into diffrent paragraphs

Each paragraph of text should go in betteween and opning p tag and a closing p tag

નોંધ:- જ્યારે HTML માં <hr> નો ઉપયોગ થાય છે. ત્યારે આડી લાઇન (ઉપર મુજબ) બની જાય છે.

Upper case નો ઉપયોગ સ્પેશલ capital letter print થાય છે.

PAGE NO.
DATE

[3] <html>
<head>
<titel> Paragraph Attribute </titel>
</head>
<body>

  bold text
 italic
<u> underline </u>
<strike> strike through </strike>
<tt> mono spaced </tt>
2 nd
~~H <sup>~~
E=MC ²
H ₂ O
hello <big> world </big>
hello <small> world </small>
 hello world
</body>
</html>

output

Paragraph Attribute
bold text
Italic
underline
~~strike through~~
mono spaced
2nd
$E=MC^2$
H_2O
hello world
hello world
hello world

PAGE NO.
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[4]
```
<html>
<body bg colour="yellow" text="red"
link="blue" alink="maroon" vlink=
"purple">

<h2 align="center">Body Attribute</h2>
<p> This is a paragraph to display body
content. <br></p>
<font face="comic sans ms" size="5"
colour="yellow">fout value="5"<br>
<font face="times new roman" size="5"
colour="red">Good Morning<br>
<a href="google.com">click Here</a>

</body>
</html>
```

out put

Body Attribule

This is a paragraph to display body content

font value="5"
Good Morning
Click Here

=> ઓર.
(1) background પીળા કર છે.
(2) link blue કર છે.
(3) font value="5" yellow કર છે.
(4) ~~છે~~

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[5]
```
<html>
<body>
<p> Example of anchor tag.</p>
<a href="attribute.html" target="self">
click Here</a>
</body>
</html>
```

Output

Example of anchor tag
Click Here

[6] unorder List

```
<html>
<body>
<h2> under list </h2>
<ul types="circle">
<li> sachin </li>
<li> ganguly</li>
<li> dhoni </li>
<li> virat </li>
<li> Hardik</li>
</ul>
<ul types "square">
<li> panjabi </li>
<li> gujrat </li>
<li> chinise </li>
<li> South indian</li>
<li> Fast Food</li>
```

```
</ul>
</body>
</html>
```

output

Unorder List

- Sachin
- Ganguly
- Dhoni
- Virat
- Hardik

- Punjabi
- Gujrati
- chinise
- South indian
- Fast Food

Ep.17 <html>
<body> 16 ની ઉદાહરણ લેવામા આવેલા
વાપરેલ છે

```
* <html>
<body>
    <h2> company List </h2>
    <ol type="1">
    <li> car </li>
        <ol type="a">
        <li>maruti suzuki </li>
        <li> kia </li>
        <li> Hyundai </li>
        </ol>
    <li> Bike </li>
        <ul type="circle">
        <li> Hero </li>
        <li> Honda </li>
        <li> T.V.S </li>
        </ul>
    <li> Trucks </li>
        <ol type="A">
        <li> TATA </li>
        <li> mahindra </li>
        <li> SML </li>
        </ol>
    <li> Scooter </li>
        <ul type="square">
        <li> Hero </li>
        <li> Honda </li>
        <li> Suzaki </li>
        </ul>
</body>
</html>
```

output

=> Company List

1. car
   a. maruti Suzuki
   b. kia
   c. Hyundai

2. Bike
   - Hero
   - Honda
   - T.V.S

3. Trucks
A. TATA
B Mahindra
C. SML

4. Scooters
- Hero
- Honda
- Suzuki

* menu List Programing

```
<html>
<body>
  <h2> menu </h2>
  <ul type="square">

    <li> Punjabi </li>
  <ul type="circle">
    <li> Pemeer tikca </li>
    <li> Tomdoori Roti </li>
    <li> Dall fry & Jeera Rice </li>
  </ul>
    <li> South India </li>
  <ul type="disc">
    <li> Dhosa </li>
    <li> Idli sambhar </li>
    <li> Vada Sambhar </li>
  </ul>
    <li> Gujrati </li>
  <ul type="circle">
    <li> Undhiya </li>
    <li> Rugan Pori </li>
    <li> Basundi </li>
  </ul>
```

```
    <li> Fast Food </li>
  <ul type="disc">
    <li> Pav Bhaji </li>
    <li> Vada Pav </li>
    <li> Dabeli </li>
  </ul>

</body>
</html>
```

Out Put

menu
- Punjabi
  - Paneer Tika
  - Tandoori Roti
  - Dall fry & Jeera Rice
- South Indian
  - Dhosa
  - Idli Sambhar
  - Vada Sambhar
- Gujrati
  - Undhiya
  - Rugan Pori
  - Basundi
- Fast Food
  - Pav Bhaji
  - Vada Pav
  - Dabeli

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* order list

```
<html>
<body>
    <h2>order List</h2>
    <ol type="A" strat="5">

    <li>sehwag</li>
    <li>sachin</li>
    <li>Ganguly</li>
    <li>Dragwid</li>
  </ol>
  <ol type="I" start="II">

    <li>Gill chaist</li>
    <li>shymonds</li>
    <li>Pointing</li>
    <li>mark wagh</li>
</body>
</html>
```

out Put

order list

E. Sehwag
F. Sachin
G. Ganguly
H. Dragwid

XI. Gill Chaist
XII. Symonds
XIII. Pointins
XIV. Mark wagh

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7

```
<html>
<body>
    <h2>Defination List</h2>
    <dl>
    <dt><b>HTML</b></dt>
      <dd>Full Form is Hyper Text Markup
        Langage</dd>
    <dt><b>HTTP</b></dt>
      <dd>Full is Hyper Text Transfer
        Protocal</dd>
    <dt><b>IP</b></dt>
      <dd>Full is Internet Protocol</dd>
    </dl>
</body>
</html>
```

out Put

Defination List

HTML
Full Form is Hyper Text Markup Langage
HTTP
Full Form is Hyper Text Transfer Protocal
IP
Full Form is Internet Protocol

8

```
<html>
<body>
<img src="... jpg" alt="test image" height=
  "250" width="250">
</body>
</html>
```

બધાને જો થાય ત્યારે file:///

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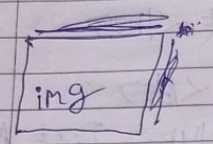
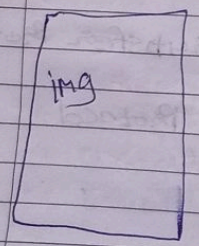
output

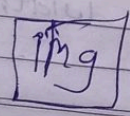


⇒ img જો ઉપયોગ કરવા <img src="src લખવું
સર્ચ= (પછી storge માંથી image પસંદ
કરવાની હોય.)

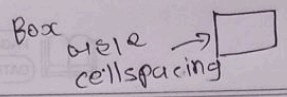
```
* <html>
  <body>
  <img src="....jpg" alt="text Image"
   heigh="200" width="100" hspace="20"
   vspace="50" border="5" align="left">
   <br>
  <img src="...jpg" alt="text image2"
   height="100" hspace="500">
  </body>
  </html>
```

output





Box વચ્ચે cellspacing



Box અંદર cellpading

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img 9

table

```
<html>
<body>
<table border="5" bgcolor="pink" cellspacing
 ="4" cellpadding="7" align="center">
<tr>
    <th>Roll No</th>
    <th>Name</th>
    <th>Adress</th>
</tr>
<tr>
    <td>101</td>
    <td>Dhruvin</td>
    <td>Khambha</td>
</tr>
<tr>
    <td>102</td>
    <td>Vatsal</td>
    <td>Rajkot</td>
</tr>
<tr>
    <td>103</td>
    <td>kishan</td>
    <td>Ahmdabad</td>
</tr>
</table>
</body>
</html>
```

Roll No	Name	Adress
101	Dhruvin	Khambha
102	Vatsal	Rajkot
103	kishan	Ahmdabad

table ni colour ni Gujarati

(i)
```
<html>
<body>
<table border="3" bgcolor="pink"
 heigh="20%" width="30%" align="center">
<tr bgcolor="red">
    <th> Roll No </th>
    <th> Name </th>
    <th> Address </th>
</tr>
<tr bgcolor="green">
    <td> 101 </td>
    <td> Dhruvin </td>
    <td> khambha </td>
</tr>
<tr>
    <td> 102 </td>
    <td> Vatsal </td>
    <td bgColor="blue"> Rajkot </td>
</tr>
<tr>
    <td bgcolor="orange"> 103 </td>
    <td> kishan </td>
    <td> Ahmdabad </td>
</tr>
</table>
</body>
</html>
```

Roll No	Name	Address
101	Dhruvin	khambha
102	Vatsal	Rajkot
103	kishan	Ahmdabad

Gujarati

green

blue

yellow

(ii)
```
<html>
<body>
<table border="3" bgcolor="yellow" cellpading
="10" width="20%" align="center">
    <caption align="Bottom">student Details
    </caption>
<tr bgcolour="red" align="center" valign="top">
    <th> Roll No </th>
    <th> Name </th>
    <th> address </th>
</tr>
<tr align="right">
    <td> 101 </td>
    <td> Dhruvin </td>
    <td> khambha </td>
</tr>
<tr align="left">
    <td> 102 </td>
    <td> Vatsal </td>
    <td> Rajkot </td>
</tr>
<tr>
    <td> 103 </td>
    <td> kishan </td>
    <td> Ahmdabad </td>
```

```
</tr>
</table>
</body>
</html>
```

=> output

Red

Roll No	Name	address
101	Dhavin	khambh
102	Vastsal	Rajkot
103	Kishan	Ahmdabad

yellow

student Details

```
* <html>
<body>
    <table border="2" align="center">
    <tr align="center">
        <th> Roll No</th>
        <th> Name</th>
        <th> Address</th>
    </tr>
    <tr>
        <td align="right">101</td>
        <td bgcolor="red">Dhavin</td>
        <td> Amreli</td>
    </tr>
    <tr>
        <td height="50">102</td>
        <td> Raj</td>
        <td width="100">Bhavnagar</td>
    </tr>
    </table>
</body>
</html>
```

Red

Roll No	Name	Address
102	Dhavin	Amreli
102	Raj	Bhavnagar

(ii) ~~colspan~~
colspan અને rowspan ઉપયોગ..

```
* <html>
<body>
    <table border="2" align="center" cell
    padding="5">
    <tr align="center">
        <th> Roll No</th>
        <th colspan="2">Full Name</th>
        <th colspan="3">Marks</th>
    </tr>
    <tr>
        <td>101</td>
        <td>Dhavin</td>
        <td>Suchak</td>
        <td>80</td>
        <td>75</td>
        <td>95</td>
    </tr>
    <tr>
        <td>102</td>
        <td>Hemangi</td>
        <td>Thakral</td>
        <td>70</td>
        <td>85</td>
        <td>92</td>
    </tr>
    </table>
</body>
</html>
```

=>

Roll No	Full Name		Marks		
101	Dhruvin	Suchak	80	75	95
102	Hemangi	Thakral	70	85	92

```
☆ <html>
  <body>
    <table border="2" align="center"
     cellpadding="7">
     <tr align="center">
        <th>Subject</th>
        <th>Type</th>
        <th colspan="2">Internal Marks</th>
    </tr>
    <tr>
        <td rowspan="2">C Language</td>
        <td>Theory</td>
        <td>20</td>
        <td>22</td>
    </tr>
    <tr>
        <td>Practical</td>
        <td>28</td>
        <td>20</td>
    </tr>
    <tr>
        <td>Practical</td>
        <td>28</td>
        <td>20</td>
    </tr>
```

```
    <tr>
        <td rowspan="2">HTML</td>
        <td>Theory</td>
        <td>26</td>
        <td>28</td>
    </tr>
    <tr>
        <td>Practical</td>
        <td>28</td>
        <td>29</td>
    </tr>
    <tr>
        <td>Fundamental</td>
        <td>Project</td>
        <td>70</td>
        <td>89</td>
    </tr>
    </table>
  </body>
  </html>
```

=> output

Subject	Type	Internal Marks	
C Language	Theory	20	32
	Practical	28	20
HTML	Theory	26	28
	Practical	28	29
Fundamental	Project	70	89

```
* <html>
  <body>
    <table align="center" height="100"
    width="500" border="4" cellpadding="10">
    <tr>
      <th align="center" colspan="3">
      kamani science collage</th>
    </tr>
    <tr>
      <td>Deparment</td>
      <td align="center" colspan="2">
      BCA</td>
    </tr>
    <tr>
      <td>Result</td>
      <td colspan="2" align="center">
      semester-1</td>
    </tr>
    <tr>
      <td>subject</td>
      <td>Type</td>
      <td>Mark</td>
    </tr>
    <tr>
      <td rowspan="2">C Langage</td>
      <td>Thory</td>
      <td>70</td>
    </tr>
    <tr>
      <td>Practical</td>
      <td>80</td>
    </tr>
    <tr>
      <td rowspan="2" align="center">HTML &
      CSS</td>
      <td>Thory</td>
      <td>90</td>
    </tr>
    <tr>
      <td>Pracatical</td>
      <td>95</td>
    </tr>
    <tr>
      <td>Fundamental</td>
      <td>Thorty</td>
      <td>75</td>
    </tr>
    <tr>
      <td align="right" colspan="2">Total</td>
      <td align="right">410</td>
    </tr>
    </table>
  </body>
</html>
```

output =>

kamani Science collage

Deparmet	BCA	
Result	semester-1	
subject	Type	Mark
C Language	Thory	70
	Practical	80
HTML & CSS	Thory	90
	Pracatical	95
Fundamental	Thorty	75
	Total	410

```
* <html>
<body>
  <table align="center" border="5"
   height="200" width="500" cellpadding="5">
  <tr>
    <th align="center" colspan="4">car
    Selling & Renting</th>
  </tr>
  <tr>
      <th>Company</th>
      <th>Model</th>
      <th>Price</th>
      <th>Colour</th>
  </tr>
  <tr>
    <td rowspan="3" align="center">
    Hyundai</td>
    <td>Verna</td>
    <td>12 Lakh</td>
    <td rowspan="2">Polish Grey</td>
  </tr>
  <tr>
    <td>i20</td>
    <td>6.5 Lakh</td>
  </tr>
  <tr>
    <td rowspan="3" align="center">Maruti
    Suzuki</td>
    <td>Dzire</td>
    <td>6 lakh</td>
    <td>Red</td>
  </tr>
```

```
  <tr>
      <td>Baleno</td>
      <td>8 Lakh</td>
      <td rowspan="2">Blue</td>
  </tr>
  <tr>
      <td>Celario</td>
      <td>4.5 Lakh</td>
  </tr>
  <tr>
      <td rowspan="2" align="center">Honda
      </td>
      <td>City</td>
      <td>12 lakh</td>
      <td>Black</td>
  </tr>
  <tr>
      <td>Amaze</td>
      <td>7.5 lakh</td>
      <td>White</td>
  </tr>
  </table>
  </body>
  </html>
```

આ પ્રમાણે આઉટપુટ આવશે.

border=cracktion
| = cracktion

Out Put

car selling & Renting			
Company	Model	Price	Colour
Hyundi	Verna	12 lakh	Polish Grey
	i20	6.5 lakh	
	Creta	10 Lakh	Black
Maruti Suzuki	Dzire	6 Lakh	Red
	Baleno	8 Lakh	Blue
	Celerio	4.5 Lakh	
Honda	City	12 Lakh	Black
	Amaze	7.5 Lakh	White

```
<html>
<body>
    <table align="center" border="3"
     height="200" width="500" cellpadding="5">
    <tr>
      <th colspan="4" align="center">
      Font color="red">kamani Science
      Collage</Font></th>
    </tr>
    <tr align="center">
      <td>subject</td>
      <td>type</td>
      <td colspan="2">Internal Marks</td>
    </tr>
    <tr bgcolor="yellow">
      <td rowspan="2" align="center">
      C' Language</td>
      <td>Theory</td>
      <td>25</td>
      <td>20</td>
    </tr>
```

```
    <tr bgcolor="yellow">
      <td>Practical</td>
      <td>20</td>
      <td>22</td>
    </tr>
    <tr bgcolour="light green">
      <td rowspan="2" align="center">HTML</td>
      <td>Theory</td>
      <td>28</td>
      <td>20</td>
    </tr>
    <tr bgcolor="light green">
      <td>Practical</td>
      <td>15</td>
      <td>18</td>
    </tr>
    <tr bgcolor="red">
      <td align="center">Fundamental</td>
      <td>Theory</td>
      <td>22</td>
      <td>28</td>
    </tr>
  </table>
</body>
</html>
```

Out Put

આ આખાર Red colour કર્યો.

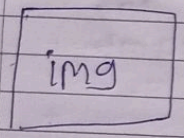
kamani science collage			
Subject	Type	Internal Marks	
C Language	Theory	25	20
	Practical	20	22
HTML	Theory	28	20
	Practical	15	18
Fundamental	Theory	22	28

yellow → C Language
Blue → HTML
Red → Fundamental

10 image માં link કર.
~~click on~~ image ઉપયોગ માં link ખુલશે

```
<html>
<body>
  <img src="....jpg" alt="test image" heigh=
  "500" width="500" hspace="200" usemap=
  "map 1">
  <map name="map1">
  <area shape="circle" coords="200,200,
  20" href="www.google.com">
  <area shape="rect" coords="0,0,
  100,200" href="www.google.com">
<|body>
<|html>
```

out Put ⟹



11 link મુકીને Page બનાવો.

```
<html>
<head>
    <title>HTML Frames</|title>
<|head>
<frameset cols="25%,50%,25%" border="5"
  bordercolor="red" frameborder="yes">
<frame name="one" src="table.html">
<frame name="second" src="order... html">
<frame name="third" src="menu.1... html"> <frameset>
<|html>
```

out Put ⟹

table of link મુકેલ છે.	oder list of link મુકેલ છે.	Menu of link મુકેલ છે.

```
* <html>
<head>
    <title>HTML Frame</|title>
<|head>
  <frameset rows="20%,*,50%, border="5" border
    colour="red">
  <frame name="one" src="table.html"/>
  <frame name="two" src="orderlist.html"/>
  <frame name="three" src="homework.html"/>
  <|frameset>
<|html>
```

out Put ⟹

table of link

order List છે.

menu છે.

```
<html>
<head>
    <title> HTML Freams </title>
</head>
  <frameset cols="50%,*" rows="50%,*"
    border="5">
  <frame name="one" src="table.5.html"
    bordercolor="blue" frameborder="yes"/>
  <frame name="two" src="all tag.html"/>
  <frame name="third" src="image.html"/>
  <frame name="fourth" src="colortag.
    html" bordercolor="blue" frameborder
    ="no"/>
  </frameset>
</html>
```

output ⇒

table है	order List है
img	wedside or Link है

2+1 (3.5) 6 है

Ex

```
<html>
<head>
    <title> Horizontal Line </title>
</head>
<body>
    <p>
      1. Mobile
      2. T.V
      3. Bike
      4. car
    </p>
    <pre>
      1. Mobile
      2. T.V
      3. Bike
      4. Car
    </pre>
</body>
</html>
```

output ⇒

Horizontal Line

1. Moblile 2. T.V 3. Bike 4. car

---

1. Mobile
2. T.V
3. Bike
4. Car

12 Form બનાવવાની રીત

```
<html>
<body>
  <form name="form 1">
  User name <input type="text" name=
  "t2" size="20">
  <br><br>
  Email
    <input type="text" name="t2" size=
  "20">
  <br><br>
  Password
    <input type="Password" name=
  "Pass" size="20">
  <br><br>
  Address
    <textarea name="address"
  rows="3" cols="20">Enter Address
  </textarea>
  <br><br>
  Sujects
  <input type="checbox" name="C Lang"
  >C Langage
  <input type="checbox" name="HTML"
  > HTML Turorial
  <input type="checbox" name="comm
  Skill">Communiction Skill
  <input type="checbox" name="comp
  Fund">Kompater Fundumentall
  <br><br>
```

```
Gender
    <input type="radio" name="gen" value=
    "m">Male
    <input type="radio" name="gen" value=
    "f">Female
<br><br>
City
<select name="city">
    <option value="0" selected>selected Any
     one....</option>
    <option value="Amreli">Amreli</option>
    <option value="khambha">khambha</option>
    <option value="Dhuri">Dhuri</option>
    <option value="chalala">chalala</option>
</select>
<br><br>
    <input type="button" name="deteil" value="click
     Here">
    <input type="button" name="save" value="save">
    <input type="reset" name="reset" value="clear">
</form>
</body>
</html>
```

Output

User name [ ]

Email [ ]

Password [ ]

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DATE

Address [Enter Add...]

Subjects: ☐ C Language ☐ HTML Tutorial
☐ Communication Skill
☐ Computer Fundamental

Gender ○ Male ○ Female

City [selected Any one v]

[click Home] [Save] [clear]

CSS

Picture size d- 5/5/025
[illegible]
[illegible] background

(1) css use

```
<html>
<head>
<title>css document</title>
<style type="text/css">
h2{background-color:#06f;color:ffg}
P{background-image:url(img....jpg);colour:
#FF0;border:solid 2px #66cc00}
</style>
</head>
<h2>HTML css example</h2>
<p>cascading style sheets, fondly
refeerd to as' css is a simple
degin language intended to simplify the
process fo making weld pages presntable
</p>
</body>
</html>
```

output

HTML css example

cascading style sheets, fondly
refeerd to img css is a simple
degin language intended to simplify the
process fo making weld pages presntable

(2) class use C.P1 / P class="P1">

```
<html>
<head>
<title>css document</title>
```

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```
<style type ="text/css">
h2 {color :# Black}
.P1 {background-image : url(img...png) ; colour:
      Black; border :solid :2Px #0cc00}
.P2 {background-color : Black; colour : Blue;
      text-elecoration :underline}
.P3 {color: #Black ; text- decration; overline}
</style>
</head>
<body>
<h2> HTML CSS example</h2>

<P class ="P1" > High-level language
are easy to learn and understand.
</P>
<P class="P2"> They do not provide
many facilites at the hardware level.
</P>
<P class ="P3"> For writing programs
hardware knowlege not required.
</P>
<img src ="img..... "height ="250" width"=250">
</body>
</html>
```

output

HTML CSS example

High-level Language are easy to learn and understanding

PAGE NO.
DATE

- They do not provide many facilities at the hardware level.

- For writing programs hardware knowlege not required.

img

[3] id selector (use ... #p1 .... <p id="p1>)

```
<html>
<head>
<title> CSS Document </title>
<style type="text/css">
#p1 { border-top : botted #0066; font-family:
      vardena, verenava, sans-serif; font-style:
      italic}
#p2 { color : #E30; text-decoration : underline}
#p3 { background-colour : #ffc; color #06f; text
      -align : center; borader : clashed # black}
</style>
</head>
<body>
<h2> HTML CSS example </h2>
<p id="p1"> High-level Languages are
easy to learn and understand </p>
```

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<P id ="P2"> They are excuted slower than lower level </p>

<P id ="P3"> They do not provide many ~~fun~~ facilites at the hardware level </P>
<img src ="img..... "height="250" width="250">
</body>
</html>

output

High-level Language are easy to learn and understand

They are excuted slower than lower level

They do no provide many facilites at the hardware level

img.....JPG

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[4] wreping tag

```
<html>
<head>
<style type="text/css">

body p{border : solid 2px # Balck; text-
        align : center}
input type="text"{background-color : White}
input type = "password" {background-color :
                        # white}
h1,h2,h3 {text-transform; capitalize; ~~fonta~~-
        family : Tchoms, geneva, sans-serif;
        font-weight : ~~bold~~ : color # ~~white~~}
                                balck
</style>
</head>
<body>
<form>
<h2> Paragraph </h2>
<P> High-level languages are easy
to lern and understand </P>
Enter Username : <input type="text" name="name">
Enter Password : <input type="Password" name="Pass">
Enter Email : <input type="text" name="email">
</form>
<h3> Image </h3>
</body>
</html>
```

Output

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paragraph

High-level Language are easy to learn and understand

~~Paragraph~~
Form start
Enter username [ ]
Enter Password [ ]
Enter Email [ ]

image

---

5 Multipul style Rules :- (use semicolem (;))

```
<html>
<head>
</head>
<form>
<h2 style="font-family: courier, new, couries,
  monsospace; font-size: 18 px">Paragrph</h2>
<P style="border: solid 2px# Black; text-
  align-center">High-level Languages are
  easy to learn and understand</P>
<br>
<h1> form</h1>
Enter Username : <input type="text" name
="name" style="background-color :white">
Enter Email = <input -type = "emil" name = "email"
style = "beckgrond - color : white">
</form>
<h3 style="border : double">Image</h3>
</body>
</html>
```

PAGE NO.
DATE

OUTPUT

Paragrph

High-level Languages
are easy to learn
and understand

Form

Enter username
Enter Email

Image

CSS → Cascading style sheets
Syntax - Selectors

Selector :- <h1> or <table> etc.
Property :- All the HTML attributes is properties
Value :- Values are assigned to properties.

Selector { Property: Value }
Ex :-
table {border: 1px solid #C00;}

Priveti
(3) 1. External CSS → ex → href - styless
(1) 2. Inline CSS → ex - <P styles color: #0200;
(2) 3. Internal CSS → ex - P {color: #0200;}
That fast near a tags.....

5

PAGE NO.
DATE

6 External CSS

-> CSS file is file is storege and link true CSS effect in HTML.

CSS.name is file name

-> This file name is a style.CSS

```
* @ charset "Uft-8"
/* CSS Document */
img { border-bottom: double #Black; border
      -top : solid 2px }
h2 { text-alignh: center; text-decoration
      :line-though }
.P2 { color: Blue ; text-transform :capital-
      -lize }
# p3 { beckground-color : Black ; color :#Blue
      text-align: center; border:solid 2p
      #Black }
```

6 (i)

```
<html>
<head>
<link href ="style.CSS " type="text/CSS"
  rel = "stylesheet">
</head>
<body>
<h2> Javascript example</h2>
<P class="P2" > High-level Language
are easy to learn and understand.
</P>
<img src = " ... jPG" height ="200" width="200">
</body>
</html>
```

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OUTPUT

Java script
High-level Language are easy to learn and understand.

img

6(ii)
```
<html>
<head>
<title> css document</title>
<link href="style.css" type="text/css"
 rel="style sheet">
</head>
<body>
<h2> HTML css example</h2>
<P> They are excuted slower than
 lower level <p>
<img src="....JPG">
</body>
</html>
```

OUTPUT

HTML CSS example
They are excuted slower than lower level

img

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7 Internal CSS:-

```
<HTML>
<head>
<title> CSS Document </title>
<style type ="text/css>

h2{color: #399; letter-spacing: 20px; text-
    decoration: blink; text-transformation: lower
    case}
#P1{ direction : rtl; word-spasing : 20px}
#P2{ text-indent : 10px; text-align: center;
    text-decoration: line-throgh}
#P3{ text-decoration: overline ; text-transfor-
    m: capitalize}
</style>
</head>
<body>
    <h2>HTML CSS Excample</h2>
<p id ="P1"> cascading style sheets, fondly
referred as CSS, is language intended
</p>
<p class ="P2"> CSS handles the look and
Feel Part of web Page. using CSS you
can control tho color of the text</p>
<p id = "P3">
        CSS is easy to lern and under
stand but it Provdes Powerful control
over the Presntationof an HTML
document </p>
</body>
</HTML>
```

PAGE NO.
DATE

OUTPUT

H T M L CSS example

cascading style sheets, fondly refered to as CSS is a simple disign language intened

~~CSS handles the look and feel part a web page using CSS you control the text~~

CSS is easy to larn and understand but it provides powerful cotrol over the the presentation of an HTML document.

---

margin ના ઉપયોગ કરવાની પેરેગ્રાફ ~~બહાર~~ બહાર edit થાય છે.

8 Margin

```
<html>
<head>
<title> CSS Document</Title>
<style type="text/css">
#P1{ border:solid:2px #Black; margin:20px}
#P2{ border: solid: 2px #Black; margin-left;
      20px: margin-top:20px}
#P3{ border:solid: 2px #Black; margin-right;
      20px: margin-top:50px}
#d1{ border:solid: 2px #Black; margin-right:20px}
#d2{ border:solid: 2px #Black; margin-left:20px}
</style>
</head>
```

```
<body>
<h2> HTML CSS example</h2>
<div id = "p1"> They are excuted
slower than lower level</div>
<div id = "p2"> They execute with
high speed</div>
<div id = "p3"> challenging to learn
and understand</div>
<div id = "d1"> can work directly
on memory locations.</div>
<div id = "d2"> High-level Languages
are easy to learn and understand</div>
</head>
</body>
</html>
```

OUTPUT

HTML CSS example

They are excuted slower than lower level

They execute with high speed.

challenging to learn and understand.

can work directly on memory locations.

High-level Languages are easy to learn and understand.

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9 list style

```
<html>
<head>
<title>CSS Document</title>
<style type="text/CSS">
#11 {list-style-type:decimal-leading-zero;
      list-style-position:outside}
#12 {list-style-type:upper-alpha; list-
      style position: inside}
#13 {list-style-image: ~~URL~~ Url(... jpg)}
#13 {list-style-type:gergian}
</style>
</head>
<body>
<h2>HTML CSS example</h2>
<li id="11">car</li>
    <li id="12">verna</li>
    <li id="12">umaze</li>
    <li id="12">duster</li>
    <li id="12">kuv 500</li>
<li id="13">Bike</li>
    <li id="13">Royal enfield</li>
    <li id="13">pulser</li>
    <li id="13">shine</li>
    <li id="13">drem yugu</li>
</body>
</html>
```

Output

html CSS example
01. Car
A verna
B umaze

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G. duster
d. kuvsoo

| img | Bike

- Royal enfield
- Pulser
- shine
- drem yuga

Padding ની ઉપલબ્ધ કરી પરંતુ ~~અંદર~~ અંદર edit થાય છે.

10 Padding:

```
<html>
<head>
<title> CSS Document </title>
<style type="text/css">
#P1 { border: solid: 2px #Black; padding: 30px}
#P2 { border: Solid: 2px #Black; Padding: 10px}
      : Padding-top: 10px}
#P3 { border: solid; 2px #Black; Padding-left
      : 5% Padding-right: 5% }.
</style>
</head>
<body>
<h2> HTML CSS Example</h2>
<div id="p1"> They execute with
high speed. </div>
<div id="p2"> challenging to learn
and understand. </div>
<div id="p3"> They are excuted
slower than lower level </div>
</body>
</html>
```

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[OUTPUT]

HTML CSS Example

The execute with high speed

challenging to learn and understand

They are excuted slower than lower level.

[11] img margin

```
<html>
<head>
<style>
img {
        height : 170px;
        width : 170 px;
        margin-right : 20 px;
        float : right;
        border : soild :2px # black
}
</style>
</head>
<body>
```

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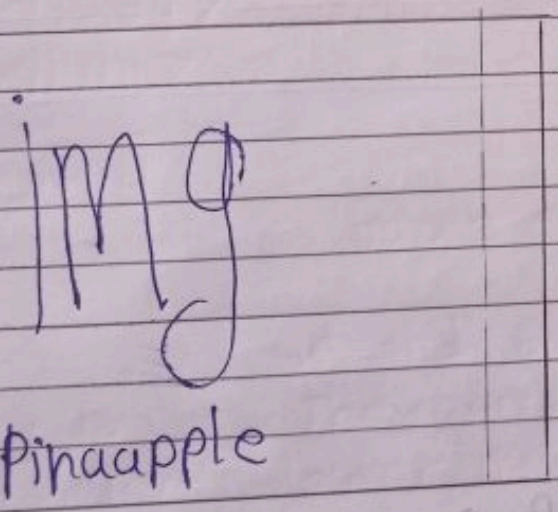
<P> Hight-level Languages are easy to learn and understand </P>

<P><img src="....." alt="pinapple"/>
~~Pinaapple is very tesety friut and is tree at farm~~ </P>

</body>
</html>

OUTPUT

High-level Language are easy to learn and understand.



12 box
<html>
<head>
<style>
~~# leftbox {~~

```
#left box{
    float : left;
    background : #white;
    width : 25%;
    heigh : 250px;
}
#middle box{
    float:left;
    beckground ; #blue
    width : 50%;
    high : 250px;
}
#right box{
    float:fight;
    beckground: white;
    width :25%
    height :250px;
}
p1{
    color : blue;
    text - align :center
}
</style>
</head>
<body>
    <div id ="boxes">
        <h1> Boxes Excaple </h1>
        ~~challenging to learn~~
        and understand
```

```
<div id="leftbox">
    <h2> First Box </h2>
    challenging to learn and understand.
    </div>
<div id ="middlebox">
    <h2>second Box</h2>
    They are exuted slower than
    lower level.
    </div>
    <div id ="rightbox">
        <h2>Third Box</h2>
        They execute with high speed
        </div>
    </div>
</body>
</html>
```

OUTPUT

Boxes example

First Box challenging to learn and understand.	second Box They are exuted slower than.	Third Box They excute with high speed.

End

Fazia

~~HTML 5~~ HTML-5

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DATE

HTML5 Structure Example

```
<html>
<head>
    <meta charset="utf-8">
    <title></title>
</head>
<body>
    <header></header>
    <nav></nav>
    <article>
        <section></section>
        <section></section>
    </article>
    <aside></aside>
    <figure></figure>
    <footer></footer>
</body>
</html>
```

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2 HTML5 Document structure Example

```
<html>
<head>
    <meta charset="utf-8">
    <title></title>
</head>
<body>
    <header>
        <h1>HTML5 Document structure Example</h1>
        <p>This page is display content of html
            paragraph</p>
    </header>
    <nav>
        <ul>
        <li><a href="....html">HTML Tutorial</a></li>
        <li><a href="....html">CSS Tutorial</a></li>
        <li><a href="... /heading.html">Javascript</a>
                                                <li>

    </ul>
    </nav>
    <article>
        <section><p>paragraph details of HTML5</p></section>
        <section><p>Paragraph details of CSS</p></section>
    </article>
<aside><a href="...internalcss.html">internal CSS</a>
                                                <aside>

<figure align="center">
    <img src="...jpg" height="200" width="200">
</figure>
```

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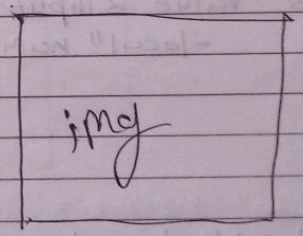
```
<footer>
<p> copyright at kamani science collegge</p>
</footer>

</body>
</html>
```

output

HTML 5 Document structure Examle
This page is display content of html
paragraph
link — • HTML Tutorial
" — • CSS Tutorial
" — • Java script
paragraph details of HTML5
paragraph details of CSS
link — internal CSS



copyright at kamani science collage

[2] HTML5 - Web Forms 2.0 time and date choice

```
<html>
<head>
<meta http-equiv="content-type" content=
  text/html; charset="utf-8"/>
<title> Untitled Document </title>
</head>
<body>
<form>
Enter Date of birth: <input type="date" name=
                "dob"><br>
Today week value: <input type="week" name=
                "week"><br>
Month values: <input type="month" name="mnth">
                <br>
Now time value: <input type="time" name="time">
                <br>
Now date/time value: <input type="datetime
                -local" name="dtime">
</form>
</body>
</html>
```

Out Put

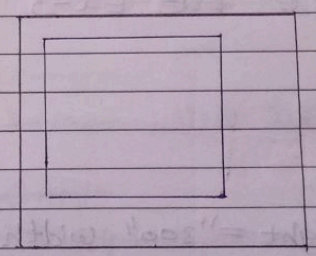
Untitled document

enter date of birth: 23/09/2020
today week value: Week 39, 2020
month values: September 2020
now time value: 11:51 am
now date/time value: 23/09/2020, 11:51 am

[3] Canvas squre Ex-1

```
<html>
<head>
</head>
<body>
<canvas id="can" height="300" width="300"
  style="border: solid 2px #cc0000;"></canvas>
<script type="text/javascript">
var c = document.getElementById("can");
var ctx = c.getcontext("2d");
ctx.fillstyle = "#FCg";
ctx.fillRect (10,10,150,100);
</script>
</body>
</html>
```

Output

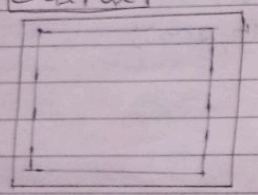


4 Canvas squre Ex-2

```
<html>
<head>
</head>
<body>
```

```
<canvas id="can" height="300" width="300"
  style="border: solid 2px #cc0000;"></canvas>
<script type="text/javascript">
var c=document.getElementById("can");
var ctx= c.getcontext("2d");
ctx.fillstyle="#Fc9";
ctx.fillRect=(70,70,100,100);
f
</script>
</body>
</html>
```

Output

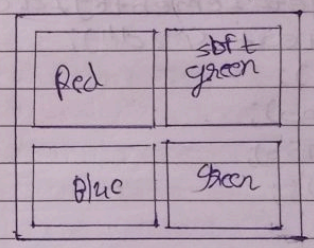


5 canvas srqure ~~Ex3~~ Ex-3

```
<html>
<head>
</head>
<body>
<canvas id="can" height="300" width="300"
style="border: solid 2px #cc0000; color:#F30"></
canvas>
<script type="text/javascript">
var c= document.getElemenById("can");
var ctx= c.getcontext("2d");
ctx fill style="#F30";
ctx.fillRect (75,75,130,130);
```

```
ctx.fill style="#29BC72";
ctx.fillRect =(255,75,130,130);
ctx.fill style="#78C8E0";
ctx.fill Rect =(75,255,130,130);
ctx.fillstyle="#D5FAD0";
ctx.fillRect =(255,255,130,130);
</script>
</body>
</html>
```

Output

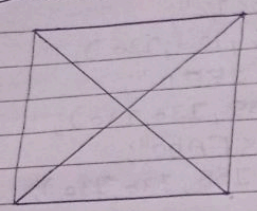


6 ~~Line Draw~~ Line Draw in a srqure Ex-1

```
~~<html>~~
<script type="text/javascript">
var c = document.getElemetById("can");
var ctx= c.getcontext("2d");

ctx.moveTo (0,0);
ctx.lineTo (300,300);
ctx.moveTo (300,0);
ctx.~~stroke~~ lineTo (0,300);
ctx.stroke ();
</script>
```

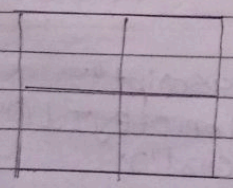
output



7 Line Draw Ex-2

```
<script type="text/javascript">
var c= document.getElementBYId("can");
var ctx=c.getcontext("2d");
ctx.moveTo (250,0);
ctx.line To (250,300);
ctx.move To (300,250);
ctx.lineTo (0,250);;
ctx.stroke();
</script>
```

Output



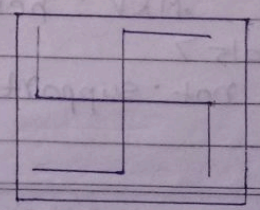
8 ⊔

```
<script type="text/javascript">
var c= document.getElement ById("can");
var ctx=c.get context("2d");

ctx.moveTo (250,50);
ctx.line To (250,250);
ctx.move to (50,250);
ctx.line To (250,150);
/* --- Plus --- . */
ctx.moveTo (250,50);
ctx.line To (150,50);
ctx.moveTo (250,250);
ctx.line To (50,250);
/* --- vertical Pair --- */
~~ctx.move To (150,50);~~
~~ctx.line To (150,250);~~
ctx.move To (50,250);
ctx.line To (50,50);
ctx.moveTo (250,250);
ctx.line To (250,150);

ctx.stroke();
</script>
</body>
</html>
```

OutPut



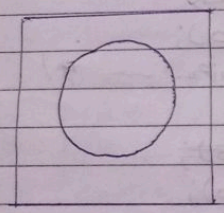
[9] Circle

```
<script type="text/javascript">
var c= document.getElementById("can")
var ctx = c.getcontext("2d");

ctx.beginPath();
ctx.arc(100,200,50,0,2*Math.PI);

ctx.stroke();
</script>
```

output



* Audio & video

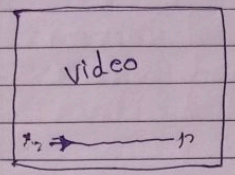
```
<video src="foo.mp4" width="300" height="200"
controls>
```

Video

[10]

```
<html>
<body>
<video src="file://. . . . . .
. . . . . .
. . . . . .mkv" height="300"
width="200" controls>
your browser does not support the <video>
element
</video>
</body>
</html>
```

output



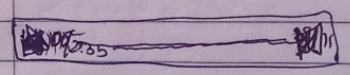
~~(i)~~

```
<html>
<body>
<video height="500" width="500
<audio src="foo.wav
```

[2] Audio

```
<html>
<body>
<audio src="../../song.mp3" controls></
audio>
</body>
</html>
```

Output



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CSS 3

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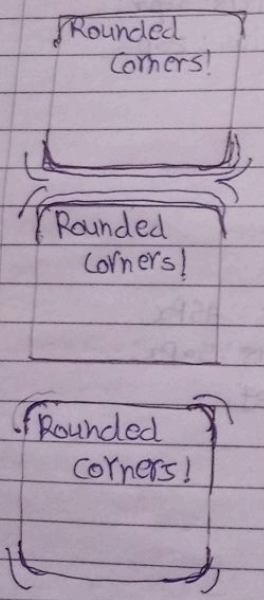
[1] radius

```
<html> xmlns="http://www.w3.org/1999/xhtml">
<head>
<style>
#rcornera 1 {
border-bottom-left-radius: 10px;
border-bottom-right-radius : 25px;
background : #C33;
padding : 20px
width : 200Px
height : 150Px;
}
#rcornerss2 {
border-top-left-radius: 45Px;
border-top-right-radius: 50Px;
border - 2px solid #609;
Padding : 20Px;
width : 200Px;
hight : 150Px;
}
#rcorners 3 {
border-radius: 10px
border: 2px solid #609;
padding : 20Px;
width : 200Px;
hight : 150 ;
}
```

```
</style>
</head>
<P id="rcorneres1"> Rounded corners! </P>
<P id="rcorneres2"> Rounded corners! </P>
<P id="rcorneres3"> Rounded corners! </P>

</body>
</html>
```

output



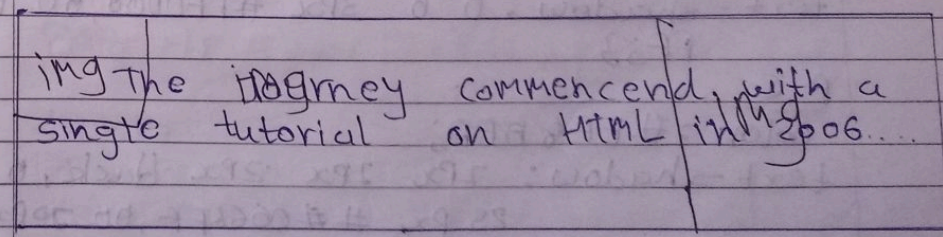
→ ~~rcudi~~ radis (corneres)

[2] background multi-Background

```
<html>
<head>
<style>
#multibackground {background: url(.... jpg);
left top no-repeat, url(... jpg) right bottom no-
repeat, url(... jpg) left top repeat; background
-size: 50px, 130px, auto;}
</style>
</head>
<body>
<div id="multi background">
<P> The journey commencend with a
single tutorial on HTML in 2006.....
</P>
</div>
</body>
</html>
```

output

→



[3] Shadow

```
<html>
<head>
<style>
h1 {
  text-shadow: 7px 2px;
}
h2 {
  text-shadow: 5px 5px #FF3E3E;
}
h3 {
  text-shadow: 2px 2px 5px #00000;
}
h4 {
  color: #DFF068
  text-shadow: 2px 2px 4px #0033FF;
}
h5 {
  text-shadow: 0 0 5px #FF0000;
}
h6 {
  text-shadow: 0 0 3px #FF0000, 00 px #0000
  FF;}
p {
  color: #FF6AFF;
  text-shadow: 7px 1px 2px black, 0 0
  25 px ##0066FF, 00 20px #
  0000CC;
}
</style>
</head>
```

```
<body>
<h1> kumani science colleage </h1>
<h2> HTML webpage </h2>
<h3> HTML webpage </h3>
<h4> HTML webpage </h4>
<h5> HTML webpage </h5>
<h6> HTML webpage </h6>
<p> HTML webpage </p>
</body>
</html>
```

Output

Kumani science colleage

HTML webpage

HTML webpage

HTML webpage

HTML webpage

HTML webpage

[4] 2D transformation

```
<html>
<head>
<style>
div {
  width: 300px;
  height: 200 px;
  backgrowound-color: pink;
  border: 2p solid black;
}
```

3d transform 529 ~~sta~~ al
udd → 3d (x,y,z) - dudd

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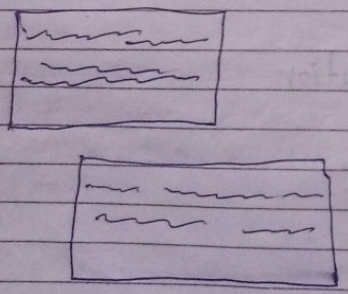
}
div #mydiv {
-ms-transform: translate (20px, 20px); /* IE9 */
transform: translate (20px, 20px); /* standard syntax */
}
</style>
</head>
<body> </body>

</html>
This div element is moved 50 pixels to the right, and 100 pixels down from its current position.

This div element is moved 50 pixels to the right, and 100 pixels down from its current position.
</body>
</html>

output



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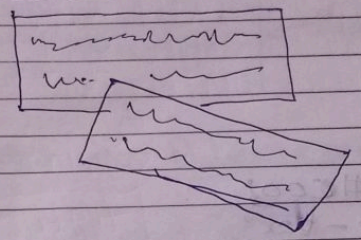
(i) Rotate
[4] div #mydiv {
-ms-transform: rotate (20deg);
transform: rotate (20deg);
}

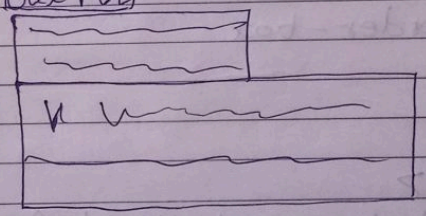
OUTPUT

→



(4) (ii) The scale () method
div #mydiv {
-ms-transform: scale (2,1);
transform: scale (2,1);
}

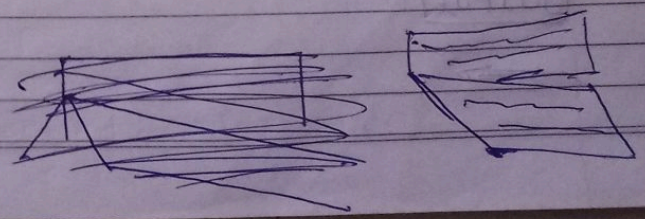
OUTPUT



(4) (iii) The ~~scale X~~ Skew () Method
div #mydiv {
-ms-transform: skew (20deg, 10deg)
transform: skew (20 deg, 10 deg)
}

OUTPUT

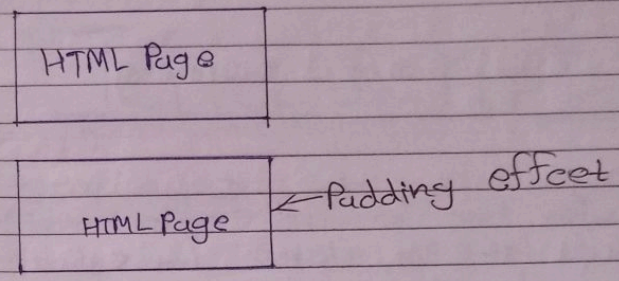
⇒



[5] box padding

```
<html>
<head>
<style>

#div 1 {
width : 300 Px;
hight : 100 Px;
border : 1 Px solid #000;
box-sizing : border-box;
}
#div 2 {
width : 300 Px;
hight : 100 Px;
padiding : 10 Px;
border : 1 Px solid #336
box-sizing : border-box
}
</style>
</head>
<div id = "div 1">
This div element is moved HTML Page </div>
<div id="div2">
HTML page </div>
</body>
</html>
```

Output



[6] @media Rule or media queries

=> widt and height the viewport, device orientation, resolution size ~~chan~~ edding.

Syantex

```
<link rel="stylesheet" media="mediatype and [not] only (media feature)" href="mystylesheet.
css.">
```

Java Script

=> ~~<script type>~~ ~~<Java script>~~ વાપરવા માટે તમે <head> અને <body> નો ઉપયોગ કરી શકો છો. પછી તમારી અનુકૂળતા અનુસાર વાપરી શકો.

=> Print કરવા માટે document.write("...");
નો ઉપયોગ થાય છે.

=> Javas~~cript~~ script નો storge કરવા demo.html

=> ~~document.~~

(1) Java script Sample C

```
<html>
<head>
<script type="text/javascript">
document.write ("Hell World!");
</script>
</head>
<body>
<script type="text/javascript">
document.write ("Good Morning");
</script>
</body>
</html>
```

Output

=> Hello world! Good morning

=> JavaScript is case sensitive.

=> Javascript code ends use ; (semicolen).

=> Comment use કરવા માટે // અથવા /* */ use થાય છે

=> Value stroge કરવા variable નો ઉપયોગ થાય છે

=> Variable name is A,b,c,x,y, ... (y અથવા Y different)

=> Variable starting is not a numbers.

=> Variable keyword = var x;

=> Value ~~accin~~ તમે બદલાવી શકો. (var x = 7;)

=> Javascript માટે datatype decler કરવાની જરૂર હોતી નથી.

[2] Variable Deciaring

```
<html>
<head>
<script type="text/javascript">
//Declaring variable
var a;
var car;
document.write("value of a="+a+"<br>");
document.write("value of car="+car);

</script>
</head>
<body>
</body>
</html>
```

Output

Value of a = 10
Value of car = Verna

નોધ:
જેમ C Lang માં ("%d" , C) લખી છીએ તેમ
તેમ Javascript ("~" + C) લખીએ તો ચાલે છે.
હવે C Lang માં ',' ઉપયોગ થાય છે તેમ Javasriptમાં '+' નો ઉપયોગ થાય છે.
Arithmethmetic ',' Javascript માં ચલે છે.

[3]

```
<html>
<head>
<script type="text/javascript">
//Declaring variable
var bike;
var car;
var bus;
var cmodel;
```

```
bike = 10;
car = 50.45;
company = "toyoto";
model = "inova";

cmodel = company + model;

document.write ("value of bike=" + bike + "<br>");
document.write ("value of car=" + car + "<br>");
document.write ("value of bus = " + company + "<br>");
document.write ("value of cmodel=" + cmodel + "<br>");
</script>
</head>
<body>
</body>
</html>
```

Output

```
Value of bike = 10
Value of car = 50.45
Value of bus = toyoto
Value of cmodel = toyotoinova
```

[4] Arithmetic operators :-

```
<html>
<head>
<script type="text/javascript">
// Declaring variable
var a,b,c;
a = 20;
b = 10;
c = a+b
document.write ("sum of values=" + c + "<br>");
c = a-b;
document.write ("subtraction=" + c + "<br>");
c = a*b;
document.write ("multiplication=" + c + "<br>");
c = a/b
document write ("division=" + c + "<br>");
c = a%b
document write ("modulation = " + c + "<br>");
</script>
</head>
<body>
</body>
</html>
```

Output

```
sum of values = 30
subtraction = 10
multiplication = 200
division = 2
modulation = 0
```

[5]

```
<html>
<head>
<script type="text/javascript">

var a,b,c;
a = 40;
b = 50;
```

```
a=a+b;
document.write ("sum of values="+a+"<br>");
a=a-b;
//90-50;
document.write ("subtraction="+a+"<br>");
a=a*b;
//40*50
document.write ("multipliation="+a+"<br>");
a=a/b;
//2000/50
document.write ("division="+a+"<br>");
a=a%b
document.write("modulation="+a+"<br>");
</script>
</head>
<body>
</body>
</html>
```

Output

```
Sum fo values = 90
subtraction = 40
multiplication = 2000
division = 40
modulation = 0
```

Assment operetor a=a+b OR simaple method

- a+=b

∴ a=a-b

- a-=b

∴ a=a*b

- a*=b

[6] Assment operetor

```
<html>
<head>
<script type="text/javascript">
var a,b;
a=40;
b=50;
a+=b;
document.write ("sum of values="+a+"<br>");
a-=b;
document.write ("subtraction="+a+"<br>");
a*=b;
document.write ("multiplication="+a+"<br>");
a/=b;
document.write("division="+a+"<br>");
a%=b;
document.write("modulation="+a+"<br>");
</script>
</head>
<body>
</body>
</html>
```

Output

```
sum fo values = 90
subtraction = 40
multiplication = 2000
division = 40
modulation = 0
```

উদাহরণ

a=5+"5" output 55

b="5"+"5" 55

"5" এটা string value এ ছিল।

[7] simple if

```
<html>
<head>
<script type="text/javascript">
var jeans = "blue";

if (jeans == "blue")
{
document.write("yes, show some items");
}
</script>
</head>
<body>
</body>
</html>
```

output

yes, show some items

[8] if... else

```
<html>
<head>
<script type="text/javascript">
var jeans = "blue

if (jeans == "black")
{
document.write("yes, show some items");
}
else
{document.write("No, then i will look another shop, Thank you.");
}
</script>
</head>
<body>
</body>
</html>
```

output

No, then i will look another shop, Thank you.

[9] if... else number example (logicla opertors)

```
<html>
<head>
<script type="text/javascript">
var a = 102;
var b = 102;

if (a>=b)
{
document.write("yes, a is greater or equal to b");
}
else
{
document.write("No, a is less then b");
}
</script>
</head>
<body>
</body>
</html>
```

use a JS and PHP

Valuecheck Datatype check

output

yes, a is greater or equal to b.

[10] if.... else === use

```
<html>
<head>
<script stype="text/javascript">
var a=101;
var b="101";
if (a===b)
{
  document.write("yes, they are equal");
}
else
{
  document.write("No, they are not equal");
}
</script>
</head>
<body>
</body>
</html>
```

output

No, they are not equal

a===b

Value check datatype check

- JS મા "..." વાપરવા થી string થઇ જશે.
- JS મા અને PHP મા variabale એક જેવા હશે તો તો === કામ કરે છે.

[11] if... else use && operator (&&=1&&1=true (1&&0=false)

```
<html>
<head>
<script type="text/javascript">
var a="jeans";
var b="blue";

if (a=="jeans" && b=="blue")
{
  document.write("yes, please show items.");
}
else
{
  document.write("No, i only like to see blue color or jeens");
}
</script>
</head>
<body>
</body>
</html>
```

output

yes, please show items.

[13] if... else && operator

```
<html>
<head>
<script type="text/javascript">
```

```
var a=50;
var b=60;

if (a>50 && b<60)
{
 document.write(" yes they are big");
}
else
{
 document.write(" No,they are small ");
}
</script>
</head>
<body>
</body>
</html>
```

Output

No, they are small

14 if.... else || opertore use ('0 # 1 = true)
(! =not) (1|| 1 =true)

```
<html>
<head>
<script type = " text/Javascript ">
var a=50;
var b=60;
if (a!=50 || a<b)
{
document.write ("yes, they are big");
}
else
{
 (" No, they are small");
}
</script>
</head>
<body>
</body>
</html>
```

Output

yes, they are big

|| operetor મા અને ● માંથી condition કોઈ એક valid હો. અને બધાજ condition કોઈ એક પણ valid હો. અને ! = not હો.

0 || 1 = true 0||0 =true 1||1 =true

or.... 0=false 1=true

input	input	output
1	0	1
0	1	1
1	1	1

&& ----

input	input	output
1	0	0
0	1	0
1	1	1

15 if.. else if else.... statment

```
<html>
<head>
<script type="text/javascript">
var a=50;
var b=60;
var c=70;

if(a>b)
{
document.write("yes,a is greater then b");
}
else if (a>c)
{
document.write("yes,a is greater then c");
}
else
{
document.write("a is less then b and c");
}
</script>
</head>
<body>
</body>
</html>
```

output

a is less then b and c

16 if.... else if else... statement Logical operator

```
<html>
<head>
<script type="text/javascript">
var a=90;
var b=40;
var c=95;

if (a<b && a<c)
{
document.write("yes,a is less");
}
else if (b<c)
{
document.write("yes,b is less then c");
}
else
{
document.write("c is less");
}
</script>
</head>
<body>
</body>
</html>
```

output

yes, b is less then c

(imp)

17 if. else.ifelse. less value?

```
<html>
<head>
<script type="text/javascript">
Var a = 15;
Var b = 10;
Var c = 12;
if (a<b && a<c)
{
   document write ("yes,a is less");
}
else if (b<c && b<a)
{
   document. write("yes,b is less");
}
else if (c<a && c<b)
{
   document.write ("c is less");
}
else
{
   document.write("all same");
}
</script>
</head>
<body>
</body>
</html>
```

output

yes, b is less

18 Conditional opertor (

```
<html>
<head>
<script type="text/javascript">
Var text;
a=22;
b=20;
text = (a>b)?"a greater":"b greater";
document.write (text);
</script>
</head>
<body>
</body>
</html>
```

output

a greater

19 Swich case (case: break; default;)

```
<html>
<head>
<script type="text/javascript">
Var a=2;
switch (a)
{
   case 1:
      document.write("Value of a his match with 1");
      break;
```

switch case ની ઉપયોગ માટે equal condition માટે લાગુ કરે. only ~~static~~ value

```
case 2:
    document.write ("value of a is match
                    with 2");
    break;
case 3;
  document.write ("value of a is match with 3");
    break;
~~case 4~~
  defaut:
    document.write ("value of is not match
                    with any case");
    break;
</script>
</head>
<body>
</body>
</html>
```

output

value of a is match with 3

20 Swich case case "string" ની ઉપયોગ:-

```
<html>
<head>
<script type="text/javascript">
<var a="apple";
 switch (a)
{
case "grapes":
    documents.write ("I like grapes");
    break;
case "apple";
    ~~break~~;
    document.write ("I like apple");
  break;
case "mangoes":
    document.write ("I like mangoes");
  defaut;
    document.write ("i don't like fruites");
    break;
</script>
</head>
<body>
</body>
</html>
```

output

I like apple

21 Swich case (+,-,*,/)

```
<html>
<head>
<script type="text/javascript">
Var a=10;
Var b=20;
Var c;
Var ~~(sym)~~ sym="+"
```

```
switch(sym)
{
  case "+":
      c=a+b;
      document.write("sum of value is="+c);
      break;
case "-":
      c=a-b;
      document.write("subtraction ="+c);
      break;
case "*"
      c=a*b;
            ("multiplication value=" + c);
      break;
case "/";
     c=b/a;
  document.wrint ("devision value="+c);
      break;
  default;
   document.write ("please enter proper value");
     break;
}
</script>
</head>
<body>
</body>
</html>
```

Output

sum of value is = 30

22 ~~loop~~ while Loop

```
<html>
<body>
<script type="text/javascript">
var i=1;
while (i<10)
{
  document.write (i+ "<br>");
} i++; }
</script>
<body>
</html>
```

Output

1
2
3
4
5
6
7
8
9

23 while loop ~~i=3;~~ i--;

```
<html>
<body>
<script type="text/javascript">
var i=10;
while (i>=1)
```

```
{
  document.write (i+"<br/>");
  i--;
}
</script>
</body>
</html>
```

Output

10
9
8
⋮
2
1

---

24 while (i=)

```
<html>
<body>
<script type="text/javascript">
Var i=10;
while (i!=0)
{
  document.write (i+"<br/>");
  i--;
}
</script>
</body>
</html>
```

Output

10
9
8
⋮
2
1

24 while (i+=2)

```
<html>
<body>
<script type="text/javascript">
Var i=21
while (i<=30)
{
  i+=2;
  document.write (i+"<br/>");
  i--;
}
</script>
</body>
</html>
```

Output

22
23
24
25
⋮
26
27
28
29
30
31
32

---

25 while loop i-=3;

```
<html>
<body>
<script type="text/javascript">
Var i=55;
```

```
while (i>45)
{
  i++;
  document.write (i+"<br/>");
  i -=3;
}
</script>
</body>
</html>
```

Output

56
54
52
50
48
46

The do... while loop...

~~The do while loop variant of the~~

Syntax:-

```
do
{
  Code to be executed
} while (var <=endvalue)
```

[26] do... while

```
<html>
<body>
<script type="text/javascript">
```

```
var i=25;
do
{
  document.write(i+"<br/>");
  i++;
} while (i<35);
</script>
</body>
</html>
```

Output

25
26
27
28
29
30
31
32
33
34
35

[27] do... while (only one) ~~extu~~ (Rule)

```
<html>
<body>
<script type="text/javascript">
 var i=35
 do
 {
   document.write(i+"<br/>");
   i++;
 } while(i<35);
</script>
</body>
```

output
35

28 do.. while i++ & i-- use (i<42)

```
<html>
<body>
<script type="text/javascript">
var i=51;
do
{
    i++;
    document.write(i+"<br/>");
    i--;
}while(i<41);
</script>
</body>
</html>
```

output
52

29 do.while Loop i++; & i-=2;

```
<html>
<body>
<script type="text/javascript">
var i=51;
do
{
    i++;
    document.write(i+"<br/>");
    i-=2;
}while(i>41);
</script>
</body>
</html>
```

output
52
51
50
49
48
47
46
45
⋮
42
41.

30 do.... while even number

```
<html>
<body>
<script type="text/javascript">
var i=1;
do
{ i++;
    document.write(i+"<br/>");
    i++;
}while(i<51);
</script>
</body>
</html>
```

output
2
4
6
⋮
46
48
50

(31) do while % use even and odd :-

```
<html>
<body>
<script type="text/javascript">
var =1;
do
{
 if (i%2=1)
 {
  document.write ("odd value="+i+"<br/>");
 }
 else
 {
  document.write ("even value="+i+"<br/>");
 }
 i++;
} while (i<51);
</script>
</body>
</html>
```

output

```
odd value=1
even value=2
:
odd value=49
even value=50
```

32

```
<html>
<body>
<script type="text/javascript">
```

* for Loop:-

Syntax:-

~~for (var = start value ; var <= endvalue ; var=var+~~

for (variable initialisation ; expression/condition; increment or decrement)

32 for Loop example:-

```
<html>
<body>
<script type="text/javascript">
var i;
for (i=91; i<=100; i++)
{
  document.write (i+"<br>");
}
</script>
</body>
</html>
```

output

```
91
92
93
94
95
96
97
98
99
100
```

(33) for Loop use i++; and i--;

```
<html>
<body>
<script type="text/javascript">
var i;
for (i=91; i<=100; i++)
{
    i++;
    document.write(i+"<br>");
    i--;
}
</script>
</body>
</html>
```

output

92
93
94
.
.
99
98
100
101

[34] for Loop (sum=sum+i)

```
<html>
<body>
<script type="text/javascript">
var i;
var sum=0;
for (i=1; i<=20; i++)
{
    sum=sum+i;
}
document.write("sum of value are="+sum);
</script>
</body>
</html>
```

output

sum of value are=210

[35] for Loop (odd and even)

```
<html>
<body>
<script type="text/javascript">
var i;
var sum=0;
var oddsum=0;
var evensum=0;
for (i=1; i<=20; i++)
{
    if (i%2==1)
    {
        ~~document~~ oddsum=oddsum+i;
    }
    else
    {
        evensum=evensum+i;
    }
}
document.write("sum of odd value are="+oddsum+"<br>");
document.write("sum of even vales are="+evensum);
</script>
</body> </html>
```

output

sum of odd values are = 100
sum of even values are = 110

~~sum of~~

[36] for Loop i-- & i++

```
<html>
<body>
<script type="text/javascript">
var i;
for (i=100; i>=50; i--)
{
    i--;
    document write (i +"--");
    i++;
    document.write (i+"<br>");
}
</script>
</body>
</html>
```

output

```
99 --100
98 --99
:
:
51 --52
50 --51
49 --50
```

[37] for Loop finomita, fibonacci series

```
<html>
<body>
<script type="text/javascript">
var x = 6;
var num1= 0;
var num2= 1;
var sum ;
var i;
document,write (num1 +"<br>"+num2 +"<br>");
 for (i=0; i<x;i++)
  {
    sum = ~~sum~~+num1+num2;
    num1=num2;
    num2= sum;
   document,write (num2+ "<br>");
  }
</script>
</body>
</html>
```

out put

```
0
1
1
2
3
5
8
13
```

✱ The break statement:-

38 Break use in example:-

```
<html>
<body>
<script type="text/javascript">
var i;
for (i=1;i<=10;i++)
{
    document.write (i+"<br>");
    if (i==3)
    {
      document write ("Break it loop"+"<br>");
      break;
    }
}
document.write ("outer Loop statement");

</script>
</body>
</html>
```

OUTPUT

1
2
3
Break it Loop
outer loop statement

39 The ~~continue~~ break statement if-break;

```
<html>
<body>
<script type="text/javascript">
var i;
for (i=1;i<=10;i++)
{
  if(i==5)
  {
    document.write("Break it loop"+"<br>");
    break;
  }
  document.write (i +"<br">);

}
document write ("outer Loop statement");
```

OUTPUT

1
2
3
Break it loop
outer Loop statement

✱ The continue statemet

40 The continue example

```
<html>
<body>
<script type="text/javascript">
var i;
```

```
for ( i=1; i<=10; i++)
{
  if (i==5)
  {
    continue;
  }
  document.write (i+"<br>");
}
document.write ("outer Loop stetement");
</script>
</body>
</html>
```

Output

1
2
3
4
6
7
8
9
10
outer Loop stetement

Only Java Script Conspcap

Javascript popup Boxes (Dailog box)

~~sreSreen~~ ~~ઉપયોગ~~ ~~ઉપ~~ ~~બીજી~~ ~~Screen~~ ~~પર~~ ~~તો~~ popup Boxes or Dailog box સ્વરૂપ છે.

ત્રણ મોટા પ્રકાર છે

(1) Alert Box
(2) confirm box
(3) Prompt box

1 Alert Box

Syntax :-

```
alert ("soft text");
```

1 Alert Box demo

```
<html>
<head>
<script type = "text/javascript">
alert ("welcome Home");
</script>
</head>
<body>
</body>
</html>
```

Output

This Page saye
welcom Home
ok

2 ~~Alr~~ Alert Program in javascript

```
<html>
<head>
<script type ="text/ javascript">
```

```
Var  a,b;
a = 40;
b = 30;
Var  sum=0;
sum = a+b;
alert ("sum of value is ="+sum);
if(a>b)
{
 alert("a is greater then b");
}
else
{
 alert("b is greater then a");
}
document.writ ("completed");
</script>
</head>
<body>
</body>
</html>
```

OUTPUT

1.

This page says

sum of value is=70

ok

2.

This page says

a is greater then b

ok

3. completed

2 confirm box શબ્દ વેરે પાછા તમે Yes અથવા No બોલાવી શકો છો.
boolean value

3 confirm box confirm("sometex");

```
<html>
<head>
<script type="text/javascript">
 if (confirm ("Are you sure to want delete?"))
{
  document.write("yes, its has been delete");
}
else
{
  document.write("cancle");
}
document.write ("completed");
</script>
</head>
<body>
</body>
</html>
```

OUTPUT

1.

This page says

Are you sure to want delete?

ok cancle

ok પર ક્લિક કરતા

2. This page says

yes, HS has been delete?

[ok] [canle]

3.

completed

Prompt box Page ની અંદર જતા પહેલા User પાસે થી Value લઈ શકાય છે

-> enter કરવા માટે Dailog box આવે છે.

Prompt("sometext","defualtvalue");

4 Prompt box

```
<html>
<head>
<script type="text/javascript">
var name, city;
name=Prompt("Enter your name","kamani
                science collage");
city = Prompt("Enter your city","Amreli");
document.write("my name is"+name+" I am
                living in "+city+"<br>");
document.write("completed");
</script>
</head>
<body>
</body>
</html>
```

જેમાં number value પર input કરવી હોય. kamani scinece વિભાગ ની હોય તો આ Value આવી જશે.

output

1. This Page says
Enter your name
[kamani scienc c..]
[ok]

2. This Page says
Enter you city
[Amreli]
[ok]

3. my name is kamani science college I am living in Amreli
completed

-> Prompt box ની નિયમ છે કે જે value input કરો તે string તે છે. તેને integer માં ફેરવી પડશે.

-> જ્યારે તેને integer બનાવું હોય ત્યારે parseInt () ઉપયોગ થાય છે.

-> જો float હોય તો. Parstfloat ઉપયોગ થાય છે

5 Prompt box (Use is ParseInt)

```
<html>
<head>
<script type="text/javascript">
var a,b;
var sum=0
a=prompt("Enter value of A","10");
b=Prompt("Enter value of B","20");
```

```
document.write("Value of a is =" +a+ "Value
                of b is =" +b+ "<br>");
sum = ParseInt(a) + ParseInt(b);
document.write ("sum of Value is =" +sum+"<br>");
document write ("completed");
</script>
</head>
<body>
</body>
</html>
```

OUTPUT

1. This Page say enter value of A
   [10] [ok]

2. This Page Say enter Value of B
   [20] [ok]

3. Value of a 10 Value of b is 20
   sum of Value is = 30
   completed

[6] three in Value is big Prompt

```
<html>
<body>
<script type="text /javascript">
a = Prompt ("Enter value of a","5");
b = Prompt ("Enter Value of b","5");
c = Prompt ("Enter Value of c","15");
document.write ("Available Value are =" +a+" "+b+"
                "+c+"<br>");
if (a>b && a>c)
{
 document. write ("A in bigger value");
}
else if (b>a && b>c)
{
 document write ("B is is bigger value");
}
else if (c>b, && c>a)
{
 document.write ("c is bigger value");
}
else
{ document write ("sum values");
}
</script>
<body>
</body>
</html>
```

OUTPUT

1. This page say Enter value of a
   [5] [ok]

2. This page say Enter value of b
   [10] [ok]

3. This page say Enter value of a
   [15] [ok]

Available values are = 5 10 15
c is bigger value

7 * symbol use prompt

```
<html>
<body>
<Script type = "text /javascript">
Var a,b,c,cal;
a =parseInt(prompt("Enter value of a ","5"));
b = parseInt(prompt("Enter value of b","20"));
c = prompt("Enter value of c symbol","+,-,*,/");

document.write ("value are =+a+" "+c+" "+b+"<br>");
switch(c)
{
    case"+":
        cal =a+b;
    break; document.write("sum of a and b is ="+cal+"<br>")
    case "-":
        cal =a-b;
    document.write("subract of a and b is="+cal+"
                "<br>");
        break;
    case "*":
        cal = a*b;
    document.write("multiplication of a and
                b is ="+cal+"<br>");
        break;
    case "/":
        cal =a/b;
    document.write("devision of a and b is="+cal+"<br>")
    break;
```

```
default:
    document.write("Enter proper symbol");
    break;
}
```

8 sum value of prompt box

```
<html>
<head>
<script type ="text /javascript">
Var i,a,b,sum=0;
a =parseInt(prompt("Enter start value","1"));
b = parseInt (Prompt("Enter end value","10"));
for(i=a; i<=b;i++)
{
  sum =sum +i;
}
document.write("sum of start value a and b"+
                sum+"<br>");
</script>
</head>
<body>
</body>
</html>
```

OUTPUT

1. This page says
Enter start value
5
ok

2. This page says
Enter start value
10
ok

3. sum of start value a and b 45

PritaM

PAGE NO.
DATE

Javascript functions :-

→ Users define functions :-
→ પોતાની જરૂરિયાત મુજબ functions બનાવવી.
→ Syntax :-

```
function functionname (var1, var2 .... , varx x)
{
  Somecode
}
```

→ function પછી ફરજીયાત () આપવાનું છે.
→ function small માં લખવાનું છે.
→ જ્યાં સુધી user input પર કામ ન કરે ત્યાં સુધી કાંઈ થતું નથી.
→

[1] example :- (Users define functions)

```
<html>
<head>
<script type="text/javascript">
function message ()
{
   document.write ("Hell, world");
   document.write ("<br> good morning");
}
message();
</script>
</head>
<body>
</body>
</html>
```

PAGE NO.
DATE

Output

Hell, world
good morning

[2] UDF ના બીજા પ્રકાર છે. (1) no argrumen with no Return value
(2) with argrumen

[1]
[2] no argrument no Return value

```
<html>
<head>
<script type="text/javascript">
function calculate ()
{
  var a=20;
  var b=30;
  var sum=0;
  var avg;
  sum = a+b;
  document.write ("sum of value are:"+sum);
  avg = sum/2;
  document.write ("average of value is:"+avg);
}
</script>
</head>
<script type="text/javascript">
calculate();
</script>
<body>
</html>
```

OUTPUT

sum of value are : 50 average of value is 25

[3] ~~with argurment no Retune value~~ Value

[2] with argurment no Retune Value

```
<html>
<head>
<script type="text/javascript">
function chek_value (a,b)
{
  if (a>b)
  {
   document.write("a is big");
  }
  else
  {
   document.write ("b is big");
  }
}
</script>
</head>
<body>
<script type ="text/javascript">
var a=parseInt (prompt ("Enter value of A"));
var b=parseInt (prompt("Enter value of B"));
chek_value (a,b);
</script>
</body>
</html>
```

OUTPUT

1. This page says
Enter value of A
75
ok

2. This page says
Enter value of B
30
ok

3. ~~This page says~~
~~En~~
b is big

[3]

[4] no argument with Retune value

```
<html>
<head>
<script type="text/javascript">
~~function chek_value (m,n)~~
~~{~~
~~if (m>n)~~
~~{~~
~~docu~~
function check_value ()
{
  m=parseInt (prompt("Enter value of m"));
  n=parseInt (prompt("Enter value of n"));
  var area;
  area = m*n;
  return area;
}
</script>
</head>
<body>
```

```
<script type="text/javascript">
var arr;
arr = chek_value();
document.write("area of rectenle is=" +
                arr);
</script>
</body>
</html>
```

OUT PUT

1. This Page say
   Enter value of m
   3
   OK

2. This Page says
   Enter value of n
   5
   OK

3. area of rectenle is = 75

[3]

(5) no argument with ~~example~~ Retune value [ex-2]

```
<html>
<head>
<script type="text/javascript">
function check_value()
{
    var pi = 3.14
    var rad = parseInt(prompt("Enter value of
                radius"));
    var area;
    area = pi * rad * rad
    return area;
}
</script>
</head>
<body>
<script type="text/javascript">
var arr;
arr = chek_value();
document.write("area of circle is=" +arr);
</script>
</body>
</html>
```

OUT PUT

1. This Page says
   Enter value of radius
   OK

2. area of circle is =

[4]

(6) with argument with Retune value

```
<html>
<head>
<script type="text/javascript">
var m1, m2, m3, total;
m1 = parseInt(prompt("enter make of funda"));
m2 = parseInt(prompt("enter make of c lang"));
m3 = parseInt(prompt("enter make of funnd"));
total = calculate(m1, m2, m3);
document.write("Total of marks =" +total+"<br>");
var per = total/3;
document.write("Percentage =" +per);
```

homework
rectangle → area
circle → area
Paramiter

circle pie = 3.24 s^2
square [s^2]
PAGE NO
DATE triangle = a×b
Rm = l×w

```
function calculate (a,b,c)
{
    var tot = 0;
    tot = a+b+c;
    return tot;
}
</script>
</head>
<body>
</body>
</html>
```

OUTPUT

1. This Page says
enter mark of fundu
[65]
[ok]

2. This Page says
enter make of c lang
[75]
[ok]

3. This Page says
enter make of fundam P.
[70]
[ok]

4. Total of make = 220
Percentage = 70

Que more Logical operators use in a ( ), brackes use.....

```
<html>
<head>
<script type="text/javascript">
var a=60, b=70, c=80
if(a<b && (a<c || a!=c))
{
  document.write("yes condition true");
}
else
{
  document.write("yes condition false");
}
</script>
</head>
<body>
</body>
</html>
```

OUTPUT

yes condition true

Javascript Hold and this book tr start to Array.

Array

(1) fast method -(1) Array

```
<html>
<body>
<script type = " text / javascript ">
var car = new Array();
car [0] = "verna";
car [1] = " dezire";
car [2] = " dustor ";
car [3] = "xuv ";

document.write (car [0] + "<br>" );
document. write (car [1] + "<br>");
document.write (car [2] + "<br>");
document. write (car [3] + "<br>");
</script>
</body>
</html>
```

output

```
verna
dezire
dustor
xuv
```

→ method 1 syntax is:-

var name = new Array();

- new is a keyword

→ defien Array syntax is:-

document. write (name [0]);

[2] second method-2
(direct value Asin)

```
<html>
<body>
<script type="text/javascript">
var car=new Array("SUV500", "Verana", "dezire",
                  "xuv", "claz");

document.write(car[0]+"<br>");
document.write(car[1]+"<br>");
document.write(car[2]+"<br>");
document.write(car[3]+"<br>");
document.write(car[4]+"<br>");

</script>
</body>
</html>
```

OUTPUT

```
SUV500
Verna
dezire
xuv
claz
```

→ method-2 is syntax:-
var name = new Array("n1", "n2", "n2");

→ જ્યારે Array ની size ની ગણતરી કરવા ત્યારે length ની ઉપયોગ કરી એટલાવવા ની variabal ની બાજુમાં લખાય છે.

[3] ~~leg~~ length use

```
<html>
<body>
<script type="text/javascript">
var car=new Array(10,60,90,50,20,30,80,70,
                  100,150,320,120);

for (var i=0;i<car.length;i++)
{
document.write(car[i]+"<br>");
}
</script>
</body>
</html>
```

OUTPUT

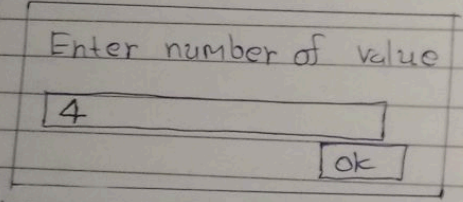
```
10
60
90
50
20
30
80
70
100
150
320
120
```

4 More value uses short method loops :-

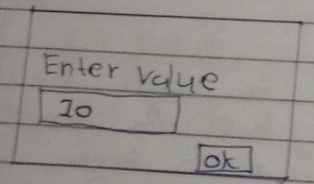
```
<html>
<body>
<script type="text/javascript">
var car =new Array();
len =parseInt (Prompt ("Enter number of value"));

for (i=0; i<len; i++)
{
 car [i] =ParseInt(Prompt("Enter value"));
}
for (i=0; i<len; i++)
{
document.write ("element"+i+":"+car[i]+"<br>");
}

</script>
</body>
</html>
```

Output

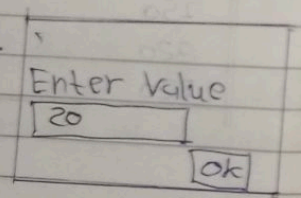
1.



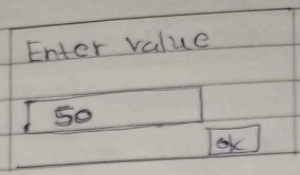
2.



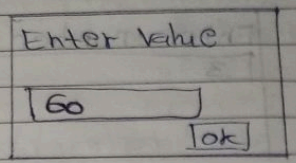
3.



4.



5.



Output 5

```
element 0 :10
element 1 :20
element 2 :50
element 3 : 60
```

5 Sum in Arrays

```
<html>
<body>
<script type="text/javascript">
var car =new Array();
var i,len, sum=0;

len =parseInt (Prompt ("Enter number of value"));

for (i=0; i<len; i++)
{
car[i]=ParseInt (Prompt ("Enter numric value"));
}
for (i=0; i<len; i++)
{
    ~~sum+=car~~ sum+=car [i];
}
document.write ("sum of value are="+sum);
</script>
</body>
</html>
```

Output

1. Enter number for value
3
Ok

2. Enter numric value
10
Ok

3. Enter numric value
20
Ok

4. Enter numric value
15
Ok

5. Sum of value are =45

String

String function uses
1 charAt(); , concat(" ", text2) , indexof, Lastindexof :-

```
<html>
<body>
<script type ="text /javascript">
var str ="kamani science";
var col ="college";
var fullname;
fullname = str.concat (" ", col);

document.write ("charactor at = " +str.charAt
(4) +"<br>");
document.write ("charactor at =" +str.charAt
(10)+ "<br>");
document.write ("concate string" +fullname+ "<br>");
document.write ("Index of string =" +str.indexof
("u") + "<br>");
document.write ("Index of string=" +str.indexof
("h")+ "<br>");
document.write ("Index of string=" +str.last-
Indexof ("h") + "<br>");

</script>
</body>
</html>
```

Output

```
charactor at =n
charactor at =e
concate string kamani Science collage
Index of string =1
Index of string =4
Index of string = 11
```

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[2] match(), replace() search(), slice, split, substr, substring, to lower case, to upper case()

```
<html>
<body>
<script type="text/javascript">
var s1="hello";

var str="kamani Science";
var fullname;
fullname=Pritam;
if(s1.match(fullname))
{
document.write("match string"+"<br>");
}
else
{
document.write("match string is No"+"<br>");
}
document.write("sstring replace="str.replace
("kamani","Paratapraí")+"<br>");
document.write("search string="+str.search
("kamani")+"<br>");
document.write("slice string="+str.slice(0,6)+
"<br>");
document.write("slice string="fullname.slice
(15,22)+"<br>");
document.write("sub string="+fullname.substring
(7,14)+"<br>");
document.write("sub string="+fullname.substring
(0,14)+"<br>");
document.write("substr value="+fullname.
substr(0,10)+"<br>");
```

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```
document.write("substr value="+fullname.
substr(10,2)+"<br>");
document.write("upper case value="+fullname
.toUppercase()+"<br>");
document.write("lower case value="+fullname.
toLowerCase()+"<br>");

</script>
</body>
</html>
```

output

```
Not match
sstring replace = pratapraí Science
search string = 0
Slice string = kamani
Slice string = college
sub string = science
sub string = kamani Science
substr value = kamani Sci
substr value = en
upper case value = KAMANI SCIENCE COLLEGE
lower case value = kamani science college
```

[3] String HTML Wrapper Methods

(1) big()
(2) small()
(3) blink()
(4) bold()
(5) fixed()
(6) italics()
(7) Strike()
(8) fontcolor()
(9) fontsize()

```
<html>
<body>
<script type="text/javascript">
var str = "Hello, How are you?

document.write ("Bigger font ="+str.big()+"<br>");
document.write ("smaller font ="+str.small()+"<br>");
document.write ("Blink font ="+str.blink()+"<br>");
document.write ("bold font ="+str.bold()+"<br>");
document.write ("fixed font ="+str.fixed()+"<br>");
document.write ("italics font ="+str.italics()+"<br>");
document.write ("strike font ="+str.strike()+"<br>");
document.write ("color font ="+str.fontcolor("blue")+"<br>");
document.write ("size font ="+str.fontsize("2")+"<br>");

</script>
</body>
</html>
```

OUTPUT

```
Bigger font= Hello, How are you?
Smaller font= Hello, How are you?
Blink font= Hello, How are you?
bold font= Hello, How are you?
fixed font= Hello, How are you?
italics font= Hello, How are you?
Strike font= Hello, How are you?
color font= Hello, How are you?
size font= Hello, How are you?
```

4 .Math (M is capital) object Methods
abs(x), ceil(x), random(), exp(x), max(x,y,z..n),
min(x,y,z...,n), pow(x,y), sqrt(x), random(), E

```
<html>
<body>
<script type="text/javascript">
document.write ("abosulet value="+Math.abs(35)+
"<br>");
document.write("abosulet value="+Math.abs(-75)
+"<br>");
document.write ("ceil value ="+Math.ceil(-3.4)+"<br>"
);
document.write("ceil value="+Math.ceil(45.56)+
"<br>");
document.write ("floor value="+Math.floor(12.45)
+"<br>");
document.write ("floor value="+Math.floor(-12.98)
+"<br>");
document.write("round value="+Math.round(25.65)+
+"<br>");
document.write("round value="+Math.round(25.45)+
+"<br>");
document.write("exponantial value="+Math.exp
(2)+"<br>");
document.write("Maximum value = "+Math.max
(10,36,45,12,7,89,100)+"<br>");
document.write("minimum value="+Math.min
(10,36,45,12,7,89,200)+"<br>");
document.write("power value"=+Math.pow(2,3)+"<br>");
document.write("power value"=+Math.pow(3,4)+"<br>");
```

```
document.write ("square root value=" + Math.sqrt(22)
        + "<br>");
document.write ("random value=" + Math.random () +
        "<br>");
document.write("EUMur value=" + Math.E + "<br>");
</script>
</body>
</html>
```

output

```
abosulet value =35
abosulet value =75
ceil value =3
ceil value =46
floor value =12
floor value =13
round value =26
round value = 25
exponantial value = 7.389056098930650
maximum value = 100
minimum value = 1
power value = 8
power value = 81
square root value = 11
random value = 0.780081
EUMur value = 2.7182
```

5 Date object Properties

- getDate (from 1-31)
- getMonth() (0-11)
- getDay (from 0-6)
- get Hours() (0-23)
- get fullyear (four digits)
- get Minutes() (0-59)
- get seconds() (0-59)

```
<html>
<body>
<script type="text/javascript">
var d=new Date ();
document.write ("today date:=" + d.getDate() + "<br>");
document.write ("today dates date:=" + d.getDay() + "<br>");
document.write ("year value :=" + d.getFullYear() + "<br>");
document.write("month value := +" + d.getMonth() + "<br>");
document.write(" todays time :=" + d.getHours () + "<br>");
document.write(" todays minute:=" + d.getMinutes() + "<br>");
document.write("today second:=" + d.getSeconds() + "<br>");

</script>
</body>
</html>
```

output

```
todays date:=2
todays date:=3
year value :=2020
month value :=11
todays time :=12
todays minute:=16
todays second:=49
```

6 Array Object

- length
- concat
- join
- pop
- push
- reverse

```
<html>
<body>
<script type="text/javascript">
var fruit=new Array("banana","apple","mangoes","grapes");
var veg=new Array("Potato","tomato","bringles","onion");
var other_array=fruit.concat(veg);
document.write("length of array="+fruit.length+"<br>");
for (var i=0;i<other_array.length;i++)
{
document.write(other_array[i]+"<br>");
}
document.write("array join:="+fruit.join(",")+"<br>");
document.write(veg.pop()+"<br>");
document.write("Remain array element="+veg+"<br>");
document.write(veg.pop()+"<br>");
document.write("Remain array element="+veg+"<br>");
document.write(fruit.push("watermelon")+"<br>");
document.write("New array:="+fruit+"<br>");
document.write(fruit.push("pineapple")+"<br>");
document.write("New array:="+fruit+"<br>");
document.write("Reverse array="+fruit.reverse()+"<br>");
</script>
</body>
</html>
```

Output

```
length of array=4
banana
apple
mangoes
grapes
potato
tomato
bringles
onion
array join:=banana,apple,mangoes,grapes
onion
Remain array element=potato,tomato,bringles
bringles
Remain array element=Potato,tomato
5
New array:=banana,apple,mangoes,grapes,watermelon.
6
New array:=banana,apple,mangoes,grapes,watermelon,pineapple
Reverse array=pineapple,watermelon,grapes,mengoes,apple,banana
```

7 Onclick button use

```
<html>
<head>
<script type="text/javascript">
function
```

```
function display()
{
  var name = document.getElmentById("tet1")
              .value;
  document.write (name);
}
</script>
</head>
<form>
<h3> onclick event demo </h3>

<p>Click on the button when form display
</p></br>

Enter Your name:<input type="text" id=
              "txt1" /></br>

<button id="b1" onclick = "display()">
click me </button>
</form>
</body>
</html>
```

OUTPUT

1. Onclick even demo

click on the button when form display

Enter your name [Pritam]

click me

2. Pritam

8 On click button use full name

```
<html>
<head>
<script type ="text/javascript">
function display()
{
  var name =document.getElementById
              ("txt1").value;
  var sirname=document.getElementById ("tet2")
              .value;
  var fullname=name+" "+sirname;
document.getElementById("disp").innerHTML =
~~fullname;~~ fullname;
}
</script>
</head>
<body>
<form>
<h3> Onclick event demo</h3>
<p> Click on the button when form display</p>
</br>
Enter your name:<input type ="text" id="txt1"
/></br>
Enter your ~~name~~ sirname:<input type ="text" id="tet2"
/></br>
```

```
<button id="b1" onclick="display()">
click me</button>

<p id="disp"></p>
</form>
</body>
</html>
```

Output

Onclick event demo
click on the button when form display

Enter Your name [Pritam]
Enter your name [Makwana]

[click me]

Pritam Makwana

(9) On click button use Upper Case

```
<html>
<head>
<script type="text/javascript">
function display()
{
  var name = document.getElment By Id ("text1").
        Value;
  var sirname = document.getElmentBy Id ("text2").
        Value;
  var fullname = name+" " +sirname;
  document.getElement By Id ("disp").innerHTML = fullname
        fullname.toUppercase();
  document.get Element By Id ("text3").Value = fullname.
  toUpper case();

</script>
</head>
<body>
<h3>onclick event demo</h3>
<p>click on the button when form display</p>
</br>

Enter Your name:<input type="text" id="text1"/>
<br>
Enter Your sirname: <input type="text" id=
"text2"/><br>
Fullname :<input type="text" id="text3"/><br>

<button id="b1" onclick="display()">click me</
button>

<p id="disp"></p>
</body>
</html>
```

Output

Onclick event demo

Click on the button when form display

Enter your name [Pritam]
Enter your surname [Makwana]
Full name [PRITAM MAKWANA]

[click me]

PRITAM MAKWANA

[10] Onclick button use sum [+]

```
<html>
<head>
<script type="text/javascript">
function calculate()
{
var a=document.getElementById("val1").value;
var b=document.getElementById("val2").value;
var sum=0;
sum=parseInt(a)+parseInt(b);

document.getElementById("result").
value=sum;
}
</script>
</head>
<body>
<h3> onclick event demo</h3>
<p> click on the button when form display
</p></br>
Enter value A: <input type="text" id="val1"/>
<br>
```

10 b-4 + 7 — text box

```
Enter value B: <input type="text" id="val2"
/><br>
Result: <input type="text" id="result"/>
<br>
<button id="b1" onClick="calculate()">
click me </button>
</body>
</html>
```

[output]

Onclick even demo

click on the button when form display

Enter value A [15]
Enter value B [30]
Result [45]
[click me]

[11] Onclick button use +,-,* and /

```
<html>
<head>
<script type="text/javascript">
function addition()
{
var a=document.getElementById("val1").value;
var b=document.getElementById("val2").value;
var sum=0;
sum=parseInt(a)+parseInt(b);
document.getElementById("result").value=sum;
}
```

```
function subtract()
{
  var a=document.getElementById("val1").value;
  var b=document.getElementById("val2").value;
  var minus=0;
  minus=parseInt(a)-parseInt(b);

document.getElementById("result").value=minus;

}
function multi ()
{
  var a=document.getElementById("val1").value;
  var b=document.getElementById("val2").value;
  var mul=0;
  mul=parseInt(a)*parseInt(b);

document.getElementById("result").value=mul;
}
function devision()
{
  var a=document.getElementById("val1").value;
  var b=document.get
  var devi=0;
  devi=parseInt(a)/parseInt(b);

document.getElementById("result").value=devi;
}
</script>
</head>
<body>
```

read only
usesyaar
ehmaz ki
kuch kar sakta.

```
<h3> onclick event demo</h3>
<p> click on the button when form display
</p></br>
Enter value A: <input type="text" id="val1"/>
<br>
Enter value B: <input type="text" id="val2"/>
<br>
Result: <input type="text" id="result"/></br>

<button id="b1" onclick="addition()">+</button>
<button id="b2" onclick="subtract()">-</button>
<button id="b3" onclick="multi()">*</button>
<button id="b4" onclick="devision()">/</button>

</body>
</html>
```

Output

Onclick event demo
click on the button when form display
Enter value A: [20]
Enter value B: [30]
Result: [50]
[+] [-] [*] [/]

-> Click + button

12 Onclick use Enter text box Upper case text

```
<html>
<head>
<script type="text/javascript">
```

```
function calculate()
{
 Var a=document.get Element ById ("val1").value;
 var b=document.getElementById ("val2").value;

 document.getElementById ("val1").value=a.toUppercase();
 document.getElementById("val2").value=b.toUppercase();
}
</script>
</head>
<body>
<h3> Onclick event demo</h3>
<p>click on the button when form display</p>
<br>

Enter value A: <input type="text" id="val1"><br>
Enter value B: <input type="text" id="val2"><br>

<button id="b1" onClick="calculate()">upper</button>
</body>
</html>
```

OUTPUT

```
Onclick event demo
click on the button when form display
1. Enter value A: Pritam
   Enter value B: Gopal
   Upper

2. Enter value A: PRITAM
   Enter value B: GOPAL
```

13 OnBlur

```
<html>
<body>
<script type="text /javascript">
function display()
{
 Var name = document.getElementById ("val1").value;
 Var sirname =document.getElement ById ("val2").value;
 var fullname=name+" "+sirname;
 document.getElementById("result").value=fullname;}
 ~~body~~ </script></head><body>
 Enter name: <input type="text" id="val1"/><br>
 Enter sirname: <input type="text" id="val2" ~~br~~>
                onBlur="display()"/><br>
 full name : <input type="text" id="result"
                readonly/><br>
</body>
</html>
```

OUTPUT

```
Enter name: Pritam
Enter sirname: Makwana
fullname: Pritam makwana
```

15 OnFocus, 14 onchage

```
<html>
<head>
<script type="text/javascript">
function ~~background~~ backcolor()
{
document.getElementById("val1").style.background
        Color="#E96";
document.getElementById("val1").style.~~background~~
        border="2px";
</script>
</head>
<body>
Enter name: <input type="text" id="val1" onfocus
        ="backcolor()"/><br>
Enter surname: <input type="text" id="val2"/>
        Onchange="display()"/><br>
Full name: <input type="text" id="result"
        readonly /><br>
</body>
</html>
```

error display function and onBlur fnc

OutPut

Enter name [Pritam]

Enter sirname [Makwana]

~~En~~ fullname [Pritam Makwana]

* keyboard Event
  - Onkeydown
  - Onkeypress
  - OnkeyUp

This usam bus press ok use spatially

16 Onkeydown & OnkeyPress

```
<html>
<head>
<script type="text/javascript">
function display()
{
 var a=document.getElementById("val2").value;
 document.getElementById("val2").value=a.
   toUppercase();
}
function disp()
{
 document.getElementyById("val1").style.
   backgroundcolor="#3fg";
</script>
</html>
</head>
<body>
```

```
Enter name:<input ~~name~~ type="text" id="val2"
                OnkeyPress="disp()"/><br>
Enter sirname: <input type="text" id="val2"
                OnkeyDown="display()"/><br>
fullname :<input type="text" id="result"
readonly/><br>
</body>
</html>
```

OutPut

Enter name: [Pritam]

Enter sirname: [Makwana]

fullname: [Pritam makwana]

17 OnkeyUp

```
<html>
<head>
<script type="text/javascript">
~~fu~~function display()
{
 var a=document.getElemenById("val2").value;
 document.getElement ById("val2").value=a.to
   Uppercase();
}
function disp()
{
 document.getElementById("val1").style.background
   color="#3fg";
}
</script>
</head>
```

```
<body>
Enter name:<input type="text" id="val1" onkey
        OnkeyUp="disp()"/><br>
Enter sirname:<input type="text" id="val2"
        OnkeyUp="display()"/><br>
Full name:<input type="text" id="result"
        readonly/><br>
</body>
</html>
```

Output

Enter name: zzzzzzzz

Enter sirname: ABCDEF

fullname :

18 OnMousemove

```
<html>
<head>
<style type="text/css">
div {borader:#000c 1px solid;
height:200px;
width:200px;}
</style>
</head>
<body>
<div id="mydiv" onMouseMove="scale(event)">
</div>
<p id="demo"></p>
<script type="text/javascript">
function scale (e)
{
var x=e.clientx;
var y=e. clienty;

var coord="coordinatea:("+x+","+y+")";
document.getElementById("demo").innerHTML
= coord;
}
</script>
</body>
</html>
```

Output

coordinatea:(9,9)

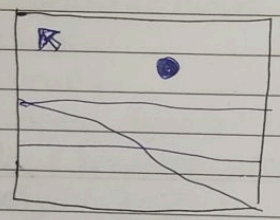
19 onMouse Out

```
<html>
<head>
<script type="text/javascript">
function over (e)
{
e.style.heigh="300px";
e.style.width="300px";
}
```

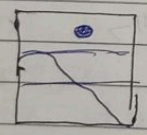
```
function out(e)
{
    e.style.height = "100px";
    e.style.width = "100px";
}
</script>
</head>
<body>
<img src="file:///c|Users//admin/Downloads/
wallpaper/2360024.jpg" height="200"
width="200" onMousseOver="over
(this)" onMouseOut="out (this)">
</body>
</html>
```

OUTPUT

1.



2.



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21 OnSubmit

```
<html>
<head>
function alt()
{
 alert('form has been sumitted');
}
</script>
</head>
<body>
<form method="post" onSubmit="alt()">
Enter name:<input type="text" name="text1">
<br>
Enter sirname:<input type="text" name="text2">
<br>
full name :<input type="text" onSelect="alert
('test selected')"><br>
<input type="sumit" name="save" value="save">
</form>
</body>
</html>
```

OUTPUT

1. Enter name [Pritam]
Enter sirname [makavana]
full name [Makwana Pritam]
click → [save]

2. This page says
form has been sumitted
[ok]

PAGE NO.
DATE

22 Form use more evets

```
<html>
<head>
<script type="text/javascript">
function display()
{
 var name=document.getElementById("text1").
          value.toUpperCase();
 var sirname=document.getElementById("text2").value.
          toUpperCase();
 var fullname=name+" "+sirname;
 document.getElementById("text3").value=fullnam
          e;
}
function alldata()
{
 var name=document.getElementById("text1").value
          .toUpperCase();
 var sirname=document.getElementById("text2").
          value.toUpperCase();
 var fullname=document.getElementById("text3").
          value;
 var addr=document.getElementById("address")
          .value;
 var mob=document.getElementById("Mobile")
          .value;

 document.getElementById("p1").innerHTML=name+
 " "+sirname+" "+fullname+"<br>"+addr+"<br>"+
 mob;
}
```

```
</script>
</head>
<body>
<center><h3>Registration form</h3></center>
<label> Enter Your Name </label>
<input type="text" id="txt1"><br>
<label> Enter Your surname </label>
<input type="text" id="txt2" onBlur="display()">
<br>
<label> Your Name </label>
<input type="text" id="txt3" readonly><br>
<label> Gender </label>
<input type="radio" name="gen" value="Male">Male
<input type="radio" name="gen" value="female">female
<label> Mobile </label>
<input type="number" placeholder="Phone number"
id="mobile" size="10" onclick="alert("you
should enter 10 digits")><br>
<label>Address</label>
<textarea cols="5" rows="6" id=
"address">Address</textarea><br>
<input type="submit" name="sub" value=
"Save" onclick="alldata()"><br>
<p id="p1"></p>

</body>
</html>
```

Output

Registration form

Enter Your Name
Enter Your surname
Yourname
Gender ○Male ○female
Mobile Phone number
Address
Address

Save

Registration form

Enter Your Name PRITAM
Enter Your surname MAKWANA
Your name PRITAM MAKWANA
Gender ◉male ○female
Mobile 9772345678
Hanuman
Para-5
Address

Save

PRITAM MAKWANA PRITAM MAKWANA Male 9772345678 HanumanPara-5

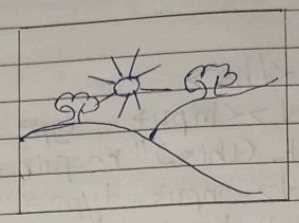
Mobile પર આવતા alert box ખુલે છે. 10 નંબર ઉમેરવા કરવાનું. અને alert submit બટન ક્લિક કરતા પછી alert ખુલે છે.

23 Picture is mouse-out-move Picture chage

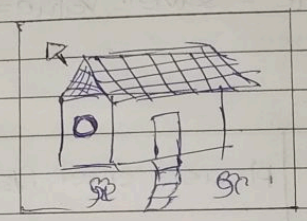
```
<html>
<head>
<script type="text/Javascript">
function over(e)
{
 var image = document.getElementById("img1");
  image.src = "A.jpG";
  e.style.height = "200px";
  e.style.width = "300px";
}
function out (e)
{
 var image=document.getElementById("img1");
  image.src="235601A.jpG";
  e.style.height = "300px";
    e.style.width="300px";
}
</script>
</head>
<body>
<img src="235601A.jpG" height="300" width="300"
 onMouse="over(this)" onMouseOut="out(this)"
 id="img1">
</body>
</html>
```

Output

1.



2.



☆ Validation

24

(1) Validation demo

```
<html>
<head>
<script type="text/Javascript">
function check (text)
{
  if (txt.value==="")
  {
   alert("please enter proper value");
        txt.focus();
  }
}
```

```
<script>
</head>
<body>
<h3>Validation programe</h3>
</label>Enter name:</label><input type="text"
id="name" onBlur="check(this)" required></br>
</label>Enter sirname:</label><input type="text"
</label> id="sirname" onBlur="check(this)" required>
<br>
<input type="submit" name="save" value="display">
</body>
</html>
```

OutPut

Validation Programe Enter name: Enter sirname: Submit	please enter proper value ok

→ This Program is a name is space and second in enter are and open a alert box.

[2] trick - [I] name valid

```
<html>
<head>
<script type="text/javascript">
function alpha()
{
  var regexp = /^[a-zA-Z]+$/;
if (document.getElmentBy("name").value.match
    (regexp))
{
  return true;
}
```

syntax:- /^[condition]+$/: = Regular

```
else {
  alert("only characters are allow");
  document.getElementById("name").value=" ";
  document.getElementById("name").focus();
  return false;
} }
</script>
</head>
<body>
<form>
Enter name:<input type="text" id="name" onkeyup
="validate(this)" onkeyPress="return alp(event)"
on change="alpha()"></br>
Enter number:<input type="text" id="number">
<br>
<input type="submit" name="save"
value="save">
</body>
</html>
```

OutPut

Enter name: 1234 Enter number: Save	

1. only charater allow
   ok

2. Enter name: I
   Enter number:
   Save

Ascll = * કી-બોર્ડ વાપરી ને તેની કિંમત વધારે આવે.

" " = 32

(3) trick-2 namevalid

```
<html>
<head>
<script type="text/javascript">
function alp(e)
{
 var keycode=(e.which)?e.which:e.keycode;

 if((keycode==32)||(keycode>64 && keycode<92)||
 (keycode>96 && keycode<123))
 {
  return true;
 }
 else
 {
  alert("only characters are allow");
  return false;
 }
</script></html></head>
<body><form>
Enter Name:<input type="text" id="name"
        onkeypress="return alp(event)">
Enter Number:<input type="text" id="number">
<br>
<input type="submit" "submit" name="save" value="save"
>
</form>
</body>
</html>
```

output→ Enter name: [ ]
Enter a number: [ ]
Save

only charactc allow
ok

→ Enter name જો 2 Enter ઉપર show ઉપર box

* (બ્રાઉઝરમાં) જો use કરી " " મુકવા હશે.

(4) trick-3 name valid

```
<html>
<head>
<script type="text/javascript">
function validate(text){
  text.value = text.value.replace(/[^a-zA-Z-\n
  +/g,' ');
}
</script>
</head>
<body>
<form>
Enter name:<input type="text" id="name"
onkeyUp="validate(this)">
Enter Number:<input type="text" id="number">
<br>
<input type="sumit" name="save" value="save">
</form>
</body>
</html>
```

output
Enter name: [ ]
Enter Number: [ ]
Sumit

→ text box in input not a a-g and show space(" ").

\g - global search
\r - Pattern mean

Numeric
~~Numeric~~ Validation

5 trick-1 numeric

```
function validate(mob){
    mob.value= mob.value.replace(/[^0-9 _\n|r]*/g,
    '');
}
</script>
</head>
<body>
<input type="text" placeholder="Numbers" id=
    "numb" required onkeyUp="validate(this)">
</body>
</html>
```

output

→ This box is No input A-Z and a-z and symbol.... but only number

6 trick-2 numric

```
<html>
<head>
<script type="text/javascript">
function numeric(e){
var keycode = e.which ? (e.which) : e.keycode;
    //alert(e.which)
if (keycode != 46 && keycode >31 && (keycode
    <48 || keycode >57)){
```

```
alert ("only Numbers");
    return false;
}
return true;
}
</script>
</head>
<body>
<input type="text" placeholder="Numbers"
    id="numb" required onkeyPress="return numeric
    (event)">
</body>
</html>
```

output

c.True :- 1234

c.false :- P

only Numbers
ok

7 Password trick-1

```
<html>
<head>
<script type="text/javascript">
function validpass()
{
    var Pass, con_Pass;
Pass = document.getElementById("Password").value;
con_Pass= document.getElementById("confirm_Pass
word").value;
```

```
if (Pass1 != con_Pass)
{
  alert ("Password not match");
document.getElementById("Password").value = "";
document.getElementById("confirm_Password").value
                    = "";

document.getElementById("Password").focus();
   return ~~fa~~ false;
 }
 return true;
}
</script>
</head>
<body>
<form>
   <input type="text" Placehdder ="Password"
   id="Password" required>
   <input type="text" Placeholder="confirm
   Password" id="~~com~~ confirm_Password"
   required ~~onkey~~ onBlur="validpass()">
<span id="confirmMessage" class="confirm
Message"> ~~</span>~~ </span>
<input type="~~sumit~~ submit" name="save"
value="save">
</form>
</body>
</html>
```

OUTPUT

c.True:- [Pritam] [Pritam] [Save]

~~c.false~~

c.false

Password not match :-

[OK]

8 Validation Password-trick-2

```
<html>
<head>
<script type="text/javascript">

function checkPass()
{
   var Pass1 = document.getElementById ("Pass
                word");
   var Pass2 = document.getElementById ("~~Pass~~
                confirm_Password");

   var message = document.getElementById ("confirmM
                essage");

   var goodColor = "#66C66";
   var badcolor = "ff6666";


if (Pass1.value == Pass2.value)
{
  message.style.color = goodcolor;
  message.innerHTML = "Passwords Match";
```

```
else
{
  message.style.color=badcolor;
  message.innerHTML="Passwords Do Not Match"
}
</script>
</head>
<body>
<form>
  <input type="text" placeholder="Password"
   id="Password" required>
  <input type="text" placeholder="confirm
   Password" id="confirm_Password"
   required onkeyup="checkPass();"
   onBlur="validpass()">
  <span id="confirmMessage" class="
   confirmMessage"></span>
  <input type="submit" name="save" value=
   "save">
</form>
</body>
</html>
```

OutPut

Password match: Pritam | Pritam | Passwords Match | save

c hot match: Pritam | 12345 | Passwords Do Not match | save

१-कोड कमेंट करने के लिए
//- comprise use
$- string computed सवा

Validation in Email :-

10

```
<html>
<head>
<script type="text/javascript">
function mailchk()
{
    Var emailID=document.getElemenById("mail").
        value;
  Var regexp=/^[0-9a-z A-Z]+ (.|_) ,[0-9 a-z
  A-Z]*\@ (yahoo|gmail|colin|rediff)\.(com|in)$/;

  if (emailID.match (regexp))
   {
    return true;
   }
   else { alert("Please enter correct email ID");
       document.getElementById("mail").value ="";
       document.getElementById("mail").focus();
       return false; }
</script>
</head>
<body>
<form>
<input type="text" id="mail" onchange="mailchk()
  " required>
<input type="submit" name="save" value="save">
</form>
</body>
</html>
```

PAGE NO.
DATE

Output

false :- condition

abc123@gmail_com | save

Please enter correct email ID

ok

True :- condition

abc123@gmail.com | save