

Program 1:

AIM : HTML program to implement different tags.

```
<html>
<head> <title> tag page </title> </head>
<body> <b> this is my first program </b>
<b> this is my first program </b>
<p> <b> <i> this is just a paragraph ... </i> </b> </p>
<p> <strong> this is just a paragraph ... </strong> </p>
<p> <em> emphasized tag ... paragraph ... </em> </p>
<p> <small> small tag </small>
<p> the content will be <del> deleted </del> </p>
<p> the content will be <ins> inserted </ins> </p>
<p> the content will be <sub> subscripted </sub> </p>
<p> the content will be <sup> superscripted </sup> </p>
<font face = "verdana" size = "12" color = "red"> font tag
</font> </body> </html>
```

Result :

The program has been executed and the output was verified

Output

this is my first program

this is my second program

this is just a paragraph ...

This is just a program

emphasized tag paragraph ...

Small tag

the content will be detected

the content will be inserted

the content will be subscripted

the content will be superscripted

Font tag

program No: 2

Aim : HTML program to link to different HTML page.

```
<html>
<head>
<title> demonstrate hyper link </title>
</head>
<body>
<a href = "tag.html"> my first program ! </a>
</body>
```

Result:

The program has been executed and the output was verified.

Output

my first programs.

<html><head><title> my first program </title></head>

<body> my first program </body> </html>

<html> <head> <title> my first program </title>

</head><body> my first program </body> </html>

<html> <head> <title> my first program </title> </head>

<body> <h1> my first program </h1> </body> </html>

<h1> my first program </h1>

<html> <head> <title> my first program </title>

<body> <h1> my first program </h1> </body> </html>

<html> <head> <title> my first program </title>

<body> <h1> my first program </h1> </body> </html>

<html> <head> <title> my first program </title>

<h1> my first program </h1>

my first program </h1> </body> </html>

my first program </h1> </body> </html>

my first program </h1>

program - NO : 3

AIM : HTML programs to create table

<html>

<head> <title> shows table </title> </head>

<body> this is a table

<table style = "width : 20%">

<caption> personal information </caption>

<tr> <th> first name </th> <th> last name </th> <th>

dob </th> </tr>

<tr> <td> Mr Jeena <td> <td> Matthew <td> <td>

sep 20 1999 </td> </tr>

<tr> <td> Jisha <td> <td> & cbacks <td> <td> Aug

26 1999 </td> </tr>

</tr> </td>

</table> </body>

</html>

Result :

The program has been executed and the output
was verified.

output

- shoos table x1

dbis is a table

personal information

first name	last name	dob
Seena	mathew	Sep 20 1999
Disha	chacko	Aug 26 1999

Program No : 4

Aim : HTML program to create lists

<html>

<head> <title> list </title> </head>

<body> <b1> unorder list </b1>

 html css java

<b2> ordered list </b2>

<ol type = "r"> php python
android

<b1> description list </b1>

<dl> <dt> windows </dt>

<dd> This is a paid operating system which
is commonly used </dd> </dt>

</body> </html>

Result :

The program has been executed and the
output was verified.

Output

• List *

unordered list

- btm
- CSS
- Java

ordered list

- a. psp
- b. psibod
- c. android.

description list

windcos

This is a paid operating systems which is commonly used.

program NO : 5

AIM : HTML program to create HTML frame

<html>

<head> <title> this is frame. </title> </head>

<frameset cols="500,*">

<frame src = "tag.html" name = "first frame" />

<frame src = "link.html" name = "second frame" />

<noframes>

<body> Your browser does not support frames </body>

</noframes>

</frameset>

</html>

Result

The program has been executed and the output was verified

Output

- This is frames x |

This is my first program it's <u>My first program!

This is my first program

This is just a paragraph... folg <u>

This is just a paragraph...

emphasized tag .. paragraph...

small tag

The content will be detected

The content will be inserted

The content will be

subscripted

The content will be superscripted

Font tag

program NO 6 :

AIM : HTML program to create a registration form.

```
<html>
<head> <title> Registration form </title> </head>
<body> bg color = "light blue"> <br> <br> <form>
<label> First name <label><input type = "text" name =
"firstname" /> <br>
<label> middle name <label><input type = "text" name =
"middle name" /> <br>
<label> Last name <label><input type = "text" name =
"last name" /> <br>
<label> gender <label>
<input type = "radio" name = "gender" value = "male">
male <br>
<input type = "radio" name = "gender" value = "female"/>
female <br>
<input type = "radio" name = "gender" value = "others"/> others
<br>
<label> phone: <label><input type = "text" name = "phone"
size = "10" />
<br> <label> Address: <label> <textarea col = "80" row =
"5"
value = "address" /> <label> <br>
<label> email <label>
<input type = "email" id = "email" name = "email" /> <br>
```

```
<input type = "button" value = "submit" />  
</form>  
</body>  
</html>
```

Result: The program has been executed and the output was verified

Output

* Registration form

Registration Form

first name

middle name

last name

gender

male

female

other

Phone

Address

Email

Submit

programs NO: 7

AIM : create a form for taking admission to college using HTML.

```
<html>
<head>
<title> college Admission Form </title>
<body>
<label cellpadding = "3" colspan = "3" bgcolor = "ggFFH"
align = "center">
    celling padding = "3">
<tr>
<td colspan = 2>
<center> <font size = 4><b> STUDENT REGISTRATION FORM </b>
</font> </center> <td> </tr> &
<tr> <td> Name <td> <input type = "text" name =
textnames id = "textname" size = "30"> <td> </tr>
<tr> <td> Father name <td> .
<td> <input type = "text" name = "fathername" id =
fathername" size = "30"> </td>
<tr>
<tr> <td> Address <td>
<td> <input type = "text" name = "address" id = "address"
size = "30"> <td> </tr> &
<tr> <td> personal Address <td>
<td> <input type = "text" name = "personal Address"
id = "personal address" size = "30"> <td> </tr>
```

<tr> <td> sex </td> <td> <input type = "radio">
 name = "sex" value = "male" size = "10" > male
 <input type = "radio" name = "sex" value = "female" size = "10" > female
 <input type = "radio" name = "sex" value = "Others" size = "10" > other </td> </td> <tr> <td> city</td>
 <td> <select name = "city">
 <option value = "-1" selected> select ... </option>
 <option value = "New delhi"> New DELHI </option>
 <option value = "Mumbai"> MUMBAI </option>
 <option value = "Goa"> GOA </option>
 <option value = "TVM"> TVM </option>
 </select> <td>
 <td> <tr> <td> marks</td> <td> <input type = "text" name = "work previous coarse" id = "mark" size = "30" > </td> </tr>
 <tr> <td> course <td> <td> <select name = "course">
 <option value = "-1" selected> select ... </option>
 <option value = "B.Tech"> msc </option>
 <option value = "MCA"> MCA </option>
 <option value = "MBA"> MBA </option>
 <option value = "BCA"> BCA </option>
 <option value = "M.Tech"> M.TECH </option>
 </select> <td> </tr>

<tr> <td> District <(fd)> <td> <select name = "District">
<option value = "-1" selected> Select ... </option>
<option value = "IDUKKI"> Idukki </option>
<option value = "KOTTAYAM"> KOTTAYAM </option>
<option value = "ERNAKULAM"> ERNAKULAM </option>
<option value = "TVM"> TVM </option>
<option value = "MALAPPURAM"> MALAPPURAM </option>
</select> <td>

<tr> <td> state <(fd)> <td> <select name = "state">
<option value = "New Delhi"> New Delhi </option>
<option value = "mumbai"> mumbai </option>
<option value = "Kerala"> Kerala </option>
<option value = "Goa"> Goa </option>
<option value = "Bihar"> Bihar </option>
</select> <td>

<td> pin code <(td>
<td> <input type = "text" name = "pincode" id = "pin code"
size = "30" > </td>

<tr> <td> Email <(fd)> <td> <input type = "text"
name = "cmask" size = "30" > </td> </td>

 <td> DOB </td>
<td> <input type = "text" name = "dob" id = "dob"
size = "30" > </td>

<tr> <td> mobile No: <(td> <td> <input type = "text"
name = "mobile no" id = "mobile no" size = "30" > </td>


```
<td><input type = "reset"></td>
```

```
<td colspan = "2"><input type = "submit" value = "Submit"></td>
```

```
</tr></table></td>
```

```
</form>
```

```
</body>
```

```
</html>
```

Result: The program has been successfully executed
and output is verified.

Output

college admission form /

Student Registration form

name

father name

address

gender

male

female

others

state

district

mobile no

pincode

dob

email id

student id

program B10 8:

AIM 8. Create a html page with four frames and the first frame have an hyperlink, second frame should have image, 3rd frame should have a table & 4th frame should have a employee registration form;

page 1:

```
<html>
<head>
<title> Frame </title>
</head> <body>
<img src = "F:\ program code \ Flower .JPG" width = "600"
height = "800" > <a href = "file:///F:/ program code / Jpages,
.htm" > back to homepage </a>
</body>
</html>
```

page 2:

```
<html>
<head>
<title> Frame </title> </head> <body>
<a href = "file:///F:/ program code / Jpages .htm" >





```

page 9:

```
<html>
<head>
<title> table </title>

<body>

<table cellpadding="2" border="1" align="center" bgcolor="blue"
       cellspacing="2">
<tr> . <td colspan="2" align="center" style="font-size: 4px; font-weight: bold;>
    TABLE </td> <td> <form> <tr> <td> name <td>
        <td> <input type="text" name="text name" size="30"> <td> <tr>
            <td> father Name <td> <td> <input type="text" name="father name" id="father name" size="30"> <td> <tr>
                <td> postal Address <td> <td> <input type="text" name="post address" size="30"> <td> <tr>
                    <td> personal Address <td> <td> <input type="text" name="personal address" id="personal address" size="30"> <td> <tr>
                        <td> sex <td>
```

<td> input type = "radio" name = "sex" value = "male" size = "10" > male

<td> <input type = "radio" name = "sex" value = "female" size = "10" > female </td>

<tr>

<tr> <td> pincode </td>

<td> <input type = "text" name = "pincode" id = "pincode" size = "30" > </td> </tr>

<tr> <td> Email </td>

<td> <input type = "text" name = "email" id = "email" size = "30" > </td>

<tr>

<td> DOB </td>

<td> <input type = "text" name = "dob" id = "dob" size = "30" > </td>

<tr> <td> <input type = "reset" > <td>

~~name = mobile No~~ </td>

<td> <input type = "text" name = "mobile no" size = "30" > </td> </tr>

* <tr>

<td> <input type = "reset" > </td>

<td colspan = "2" > <input type = "submit" value = "submit form" / > </td> </tr> </table>

</form>

ca href = "file:///F:/program code/jpage5.html"

back to homepage

</body>

</head>

</html>

page 4:

<html>

<head>

<title> employee registration </title>

<body>

<table cellpadding = "2" border = "1" style = "width: 50%; background-color: green;" align = "center" cellspacing = "2">

<tr> <td colspan = 2>

<center> EMPLOYEE registration

form <center> <td> <td>

<form> <tr> <td> Name <td>

<td> <input type = text name = "firstname" />

<td> <input type = text name = "lastname" size = "30" /> </td> </tr>

<tr>

<td> personal Address <td> <td> <input type =

"text" name = "personal address" id = "personal address"

size = "30" /> </td> </td> </tr>

<td> sex <td>

<td> <input type = "radio" name = "sex" value = "male" />

size = "10" /> male </td>

<td> <input type="radio" name="sec" value="Female" size="10"> Female </td> </tr>
<tr> <td> Department </td>
<td> <input type="text" name="department" id="department" size="30"> </td> </tr>
<tr> <td> DOB </td> <td> <input type="text" name="dob" id="dob" size="30"> </td> </tr>
<tr> <td> mobileNo </td>
<td> <input type="text" name="mobile no" id="mobileno" size="30"> </td> </tr>
<tr> <td> <input type="reset" /> </td>
<td colspan="2" > <input type="submit" value="Submit form" /> </td> </tr>

</table> </form>

back to homepage
<head> </head>

page 5 :

<html>

<head>

<title> this is frame </title>

</head>

<body>

<iframe src = "jpage 2. btm" width = "300" .

height = "400" > </iframe>

<iframe src = "jpage 1. btm" width = "300" .

height = "400" > </iframe>

<iframe src = "jpage 3. btm" width = "300" .

height = "400" > </iframe>

<iframe src = "jpage 4. btm" width = "300" .

height = "400" > </frame>

</body> </htm>

Result :

The program has been executed and the output was verified.

Output

frame :

table

employee

image

back to home
page.

table

registration form

name

father name

personal address

gender

M OR Others

DOB

Mobile No

Reset

submit form

Employee Registration Form

Name:

Personal Address:

Sex: male female

Department:

Email:

Mobil No:

Program No:9

Aim: HTML program to implement if else state using javascript.

```
<html>
<body>
<script language = "javascript" type = "text/javascript">
var x = 12
var y = 18
if (x == y)
{
document.write ("x and y are equal")
}
else
{
document.write ("x AND y are NOT equal")
}
</script>
</body>
</html>
```

Result: the program has been executed and output is verified.

it does not have a unique solution = size of matrix

< Singular Value Decomposition >

SVD

Algorithm

$\langle \text{matrix} \rangle \leftarrow \text{vector} = \text{zero}$

$\langle \text{matrix} \rangle \leftarrow \text{matrix}^T \cdot \text{matrix}$ = square matrix

X AND Y are not equal

$\langle \text{matrix} \rangle \leftarrow \text{matrix} \cdot \text{vector}$

$\langle \text{matrix} \rangle \leftarrow \text{matrix}^T \cdot \text{matrix} \cdot \text{vector}$

$\langle \text{matrix} \rangle \leftarrow \text{matrix} \cdot \text{vector}$

$\langle \text{matrix} \rangle \leftarrow \text{matrix}$

set first iteration and end condition for

loop until error value is less than

Program No: 10

Aims : HTML programs to implement to do while and
for loop

```
<html>
<body>

<script language = "JavaScript" type = "text/javascript">
var c = 0
document.write ("This is starting the loop <br>")
do
{
    document.write ("current count is :" + c + "<br>")
    c++;
}
while (c < 5); var o=0
document.write (" this is while loop <br>")
while (o < 8)
{
    document.write ("count is :" + o + "<br>")
    o++;
}

document.write ("the loop end <br>")
var z
document.write ("this is for loop <br>")
for (z = 0 ; z < 12 ; z++)
{
    document.write ("new count in : " + z + "<br>")
}
```

document.write ("end for loop")

</script>

</body>

</html>

Result :

The program has been executed and output
is verified.

Output

This is starting abc loop

current count 0

current count 1

current count 2

current count 3

current count 4

This is while loop

count is 0

count is 1

count is 2

count is 3

Count is 4

count is 5

count is 6

count is 7

The loop end

This is for loop

new count 0

new count 1

new count 2

new count 3

new count 4

new count 8
new count 6
new count 7
new count 8
new count 9
new count 10
new count 11
new count 12
new count 13
new count 14
~~new count~~
end for loop

Program 11

Aim : HTML program to implement variable using javascript

```
<html>
<body>
<script language = "javascript" type = "text/javascript">
    var x = 10
    var y = 12.8
    var name = "Anil Jagtiani"
    var z = {first name : "jeena", last name : "mathew"}
    document.write(x)
    document.write(y)
    document.write(z.first name)
    document.write(type of (x))
</body>
</html>
```

Result :

The program has been executed and output
is verified.

out put

variable *

10 + 2 = 8 amal j gothi seen ~~mathew~~ ~~shacko~~.

program No: 12

AIM: HTML program to implement javascript

<html>

<head>

<title> java script </title> </head>

<body>

<script language = "javascript" type = "text/javascript">

document.write ("Hello everyone ! How are you")

</script>

</html>

Result:

The program has been executed and output is verified.

output

Javascript

bello everyone | how are you all

program no : 13

Aim : HTML programs to implement switch.

<html>

<body>

<script language = "javascript" type = "text/javascript">
var g = "A"

document.write ("Next is a switch case")

switch (g)

{

case 'A' : document.write ("This is grade A ")

break;

case 'B' : document.write (" This grade B ");

break;

default : document.write ("This is not the case")

</script>

</body>

</html>

Result : the program has been executed

and the output is verified.

output

<trans>

<trans>

<head> <body> right and earth

next is a soft db case

<trans>

this is a grade A

<trans>

<trans>

<trans>

hand

picture has been rotated and enlarged so

better

Program No: 14

AIM: HTML programs to implement the concept of total variable

<html>

<body>

<script language = "javascript" type = "text/javascript">

var x = 10

document. write (x)

</script>

</body>

</html>

Result: The program has been executed and output is verified.

output

10

(P3) 8:10:5

(P3) 8:10:5 : 8:10:5

(P3) 8:10:5 : 8:10:5

(P3) 8:10:5 : 8:10:5

<4x21>

<6 box>

<1 box>

Answers were not recorded with 100%

Answers of subjects were lost

program No : 15

AIM : HTML program to implement local and global variable

```
<html>
<body>
<script language = "javascript" type = "text/javascript">
var x = 10
var gl = "global" // global variable.
document.write(x)
function chrc()
{
    var to = "local" // Local variable
    document.write(to)
}
document.write(gl)
chrc()
</script>
</body>
</html>
```

Result : The program has been executed and output is verified.

Output

10 global locat.

programs NO:16

Aim: HTML program to implement get element By id concept

<html>

<body>

<p id = "demo"></p>

<script language = "javascript" type = "text/java
script">

var person = {

first name : " jkenna ",

last name : " ~~matthew~~ matthew ",

age : 15,

address : " tbelkitidagil " }

document. getElementById ("demo"). innerHTML =
person . first name + " " + person . last name + " b " + person.
age + " year old "

</script>

</body>

</html>

Result : program has been executed and
output is verified.

output

jeena mathew 15 years old.

Program No : 17

Aim : HTML program to perform search and replace function on string

<html>

<body>

<script language = "javascript" type = "text/java
script">

var st = "good morning !! how are you ??"

var n = st.search("morning");

document.write(n)

var st1 = st.replace("morning", "evening")

document.write(st1)

</script>

</body>

</html>

Result:

The program has been executed and output
is verified.

out pat

morning
evening.

Program No : 18

Aim : HTML Programs to implement the concept of CSS

```
<html>
```

```
<head>
```

```
<title> Student registration </title>
```

```
<link rel = "stylesheet" href = "style.css">
```

```
<head>
```

```
<style>
```

```
• bt {
```

```
{
```

```
background-color : blue;
```

```
text-decoration : none;
```

```
display : inline-block;
```

```
margin : 4px, 2px;
```

```
cursor : pointer;
```

```
}
```

```
<body><b> Registration form </b></body></html>
```

Result :

The program has been executed output is

verified.

output

student registration |

registration forms

program NO: 19

AIM : HTML program to implement the concept of
onclick.

```
<html>
<head>
<script language = "javascript" type = "text/java
script">
function func()
{
    document.write ("Hello! How are you!");
}
</script>
</head>
<body><form> <input type = "button" onclick = "func()"
value = "Say Hello">
</form>
</body>
</html>
```

Result : The program has been executed the
output is verified.

output

say hello

Program NO : 20

Aim : HTML program to multiplying 2 numbers using function

```
<html>
<head>
<script language = "javascript" type = "text/javascript">
function mul(a,b)
{
    return a*b;
}
</script>
</head>
</body>
<script language = "javascript" type = "text/javascript">
var k = mul(2,8)
document.write(k)
</script>
</body>
</html>
```

Result : The program has been executed and
the output is verified.

Output

16

program NO: 21

Aim : HTML program to implement the array concept

<html>

<body>

<p id = "demo"></p>

<script language = "javascript" type = "text/javascript">

var x = ["mango", "banana", "tata", "apple"],

var z = x.length;

document.getElementById("demo")^{inner HTML = x[0]}

document.write(z);

var y = x.sort();

document.getElementById("demo")^{inner HTML = y}

</script>

</body>

</html>

Result : The program has been executed and
output is verified.