

LAB CYLE 1

EXPERIMENT N0: 1

DATE: 18/11/2022

AIM

EXPERIMENT N0: 2

DATE: 18/11/2022

AIM

Create an attractive webpage showing the images and description of at least three festivals in India. Set width and height of the images as 500px and 700px respectively. When an image of a festival is clicked, user must redirect to another webpage showing details of that festival. The new webpage should be opened in another tab.

SOURCE CODE

```
<!DOCTYPE html>

<head>

<title>Festivals in India</title>

</head> <body bgcolor="pink">

<center><H1>FESTIVALS IN INDIA</H1></center>

<P>A festival is an event ordinarily celebrated by a community and centering on some
characteristic aspect of that community and its religion or cultures</P>

<center>

<B>Diwali<B><BR/> <A href="festival1.html" target="_blank"> <IMG src="diwali.jpg"
width="500px"

height="400px"></A><BR/> </center>

<br>

<center>

<B>Onam<B><BR/>

<A href="festival2.html" target="_blank"><IMG src="Onam.jpg" width="500px"
height="400px"></A><BR/> </center>

<br>

<center>
```

```
<B>Holi<B><BR/>
```

```
<A href="festival3.html" target="_blank"><IMG src="holi.jpg" width="500px"
height="400px"></A> </center>
```

```
<br></body> </html>
```

festival1.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<head> <title>Diwali</title>
```

```
</head>
```

```
<body bgcolor=pink>
```

```
<center>
```

```
<h1 style="color:red;text-align:center;font-family: Arial;"> Diwali</h1> <p><i><h3
style="color:#6F124D;text-align:justify;font-family: Times New Roman;">Diwali or
Deepavali is one of the biggest and auspicious festivals celebrated by Hindus all around the
globe. The festival of lights signifies peace and joy, the victory of good over evil, and light
over darkness every day. It is one of the most symbolic Hindu festivals, and all the
communities in the country celebrate it with much pomp. During this festival, people clean
their homes, decorate every corner with lights, lamps, diyas, flowers, rangoli, and candles
</h3></p></i> <IMG src="diwali.jpg" width="500px" height="250px"> </body>
```

```
</center>
```

```
</html>
```

Festival2.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>onam</title>
```

```
</head>
```

```

<body bgcolor=pink>

<center>

<h1 style="color:red;text-align:center;font-family: Arial;"> Onam</h1> <p><i><h3
style="color:#6F124D;text-align:justify;font-family: Times New Roman;">The biggest
festival of Kerala, Onam marks the onset of the harvest season. It is also celebrated to remember
King Mahabali, whose spirit is believed to visit his people during this time. Onam celebrations
include a lot of fanfare and gaiety, including boat races, floral arrangements, worshiping,
dancing, and enjoying elaborate feasts with friends and family. </h3></p></i>



</center> </body>

</html>

```

festival3.html

```

<!DOCTYPE html>

<html>

<head>

<title>holi</title> </head>

<body bgcolor=pink>

<center>

<h1 style="color:red;text-align:center;font-family: Arial;">Holi</h1>

<p><i><h3 style="color:#FF7A59;text-align:justify;font-family: Times New Roman;"> Holi
is another noteworthy name in the list of festivals of India. Considered the festival of love and
the festival of colors, it signifies the arrival of spring and the victory of good over evil. It is
celebrated all over the country with a lot of enthusiasm and fervour.

</h3></p></i> <IMG src="holi.jpeg" width="500px" height="250px">

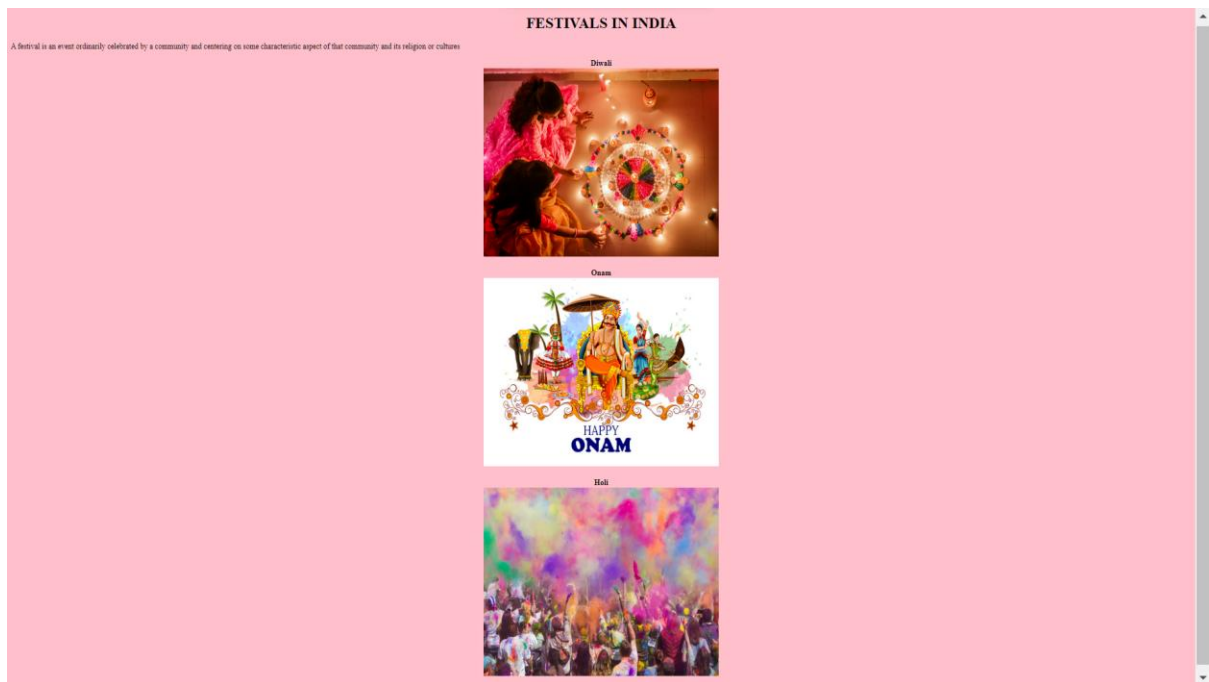
</center>

</body>

</html>

```

OUTPUT



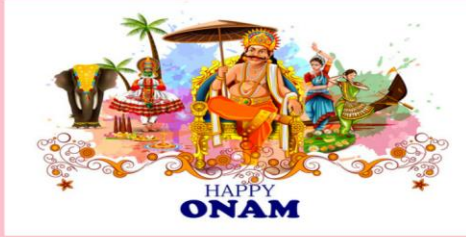
Diwali

Diwali or Deepavali is one of the biggest and auspicious festivals celebrated by Hindus all around the globe. The festival of lights signifies peace and joy, the victory of good over evil, and light over darkness every day. It is one of the most symbolic Hindu festivals, and all the communities in the country celebrate it with much pomp. During this festival, people clean their homes, decorate every corner with lights, lamps, diyas, flowers, rangoli, and candles



Onam

The biggest festival of Kerala, Onam marks the onset of the harvest season. It is also celebrated to remember King Mahabali, whose spirit is believed to visit his people during this time. Onam celebrations include a lot of fanfare and gaiety, including boat races, floral arrangements, worshipping, dancing, and enjoying elaborate feasts with friends and family.



Holi

Holi is another noteworthy name in the list of festivals of India. Considered the festival of love and the festival of colors, it signifies the arrival of spring and the victory of good over evil. It is celebrated all over the country with a lot of enthusiasm and fervor.



EXPERIMENT N0: 3

DATE: 02/12/2022

AIM

Using HTML Iframes create a webpage with two frames. One frame contains list of items as hyperlinks - Fruits, Vegetables, Flowers and Eees. When an item is selected, details and images of the selected item should be displayed on right frame.

<u>Fruits</u> <u>Vegetables</u> <u>Flowers</u> <u>Trees</u>	Select any of the item shown on the left
--	--

SOURCE CODE

```
<!DOCTYPE html>

<html> <head>

<title>iframe</title> </head>

<body>

<center>

<iframe src="framelist.html" name="frame1" height="500px" width="40%"></iframe>
<iframe name="frame2" height="500px" width="50%"></iframe>

</center>

</body>

</html>
```

framelist.html

```
<!DOCTYPE html>

<html>

<head>
```

```

<title>framelist</title>

</head> <body>

<ol>

<a href="list1.html" target="frame2"><li>Fruits</li></a> <a href="list2.html"
target="frame2"><li>Vegetables</li></a>

<a href="list3.html" target="frame2"><li>FLower</li></a> <a href="list4.html"
target="frame2"><li>Trees</li></a>

</ol>

</body> </html>

```

list1.html

```

<!DOCTYPE html>

<html>

<head>

<title>fruits</title>

</head>

<body>

<h1 style="color:red;text-align:center;font-family: Arial;"> Fruits</h1> <center></center>

<p><i><h3 style="color:#FF7A59;text-align:justify;font-family: Times New Roman;">

Fruits. Fruits are important sources of vitamins and carbohydrates like fiber and sugar. They
are low in calories and naturally sweet. Fruits and their juices are good sources of water, too....
Mangoes, papayas, melons and citrus fruits, like oranges and grapefruit, are high in vitaminC.

</h3></p></i>

</body>

</html>

```


list2.html

```
<!DOCTYPE html>

<html>

<head>

<title>fruits</title>

</head> <body>

<h1 style="color:red;text-align:center;font-family: Arial;"> Vegetables</h1> <center>
</center>

<p><i><h3    style="color:#FF7A59;text-align:justify;font-family:    Times    New
Roman;">Vegetables are parts of plants that are eaten by humans as food as part of a meal.
Vegetables play an important role in human diet and are essential for balanced diet and
maintenance of good health. Vegetables have vitamins A, B, C, D, minerals and
carbohydrates.</h3></p></i>

</body>

</html>
```

list3.html

```
<!DOCTYPE html>

<html>

<head> <title>flowers</title>

</head>

<body>

<h1 style="color:red;text-align:center;font-family: Arial;"> Flowers</h1>

<center></center>

<p><i><h3 style="color:#FF7A59;text-align:justify;font-family: Times New Roman;">
```

A flower is the reproductive part of flowering plants. Flowers are also called the bloom or blossom of a plant. Flowers have petals. Inside the part of the flower that has petals are the parts which produce pollen and seeds. </h3></p></i>

</body>

</html>

list4.html

<!DOCTYPE html>

<html>

<head>

<title>trees</title>

</head>

<body>

<h1 style="color:red;text-align:center;font-family: Arial;"> Trees</h1> <center></center>

<p><i><h3 style="color:#FF7A59;text-align:justify;font-family: Times New Roman;">A tree is a tall plant with a trunk and branches made of wood. Trees can live for many years.... The four main parts of a tree are the roots, the trunk, the branches, and the leaves. The roots of a tree are usually under the ground.</h3></p></i>

</body>

</html>

OUTPUT

1. [Fruits](#)
2. [Vegetables](#)
3. [FLo wers](#)
4. [T rees](#)

Fruits



Fruits. Fruits are important sources of vitamins and carbohydrates like fiber and sugar. They are low in calories and naturally sweet. Fruits and their juices are good sources of water, too.... Mangoes, papayas, melons and citrus fruits, like oranges and grapefruit, are high in vitamin C.

1. [Fruits](#)
2. [Vegetables](#)
3. [FLo wers](#)
4. [T rees](#)

Trees



A tree is a tall plant with a trunk and branches made of wood. Trees can live for many years.... The four main parts of a tree are the roots, the trunk, the branches, and the leaves. The roots of a tree are usually under the ground.

1. [Fruits](#)
2. [Vegetables](#)
3. [FLo wers](#)
4. [T rees](#)

Flowers



A flower is the reproductive part of flowering plants. Flowers are also called the bloom or blossom of a plant. Flowers have petals. Inside the part of the flower that has petals are the parts which produce pollen and seeds.

EXPERIMENT N0: 4

DATE: 02/12/2022

AIM

Create a web page with the following using HTML5

- a) Embed the following image in a webpage.
- b) Make Sun (circle), Hut (rectangular) and Trees (polygon) as clickable areas or hot spots.
- c) Show all the related information when these hot spots are clicked.

SOURCE CODE

```
<!DOCTYPE html>

<html>

<body>

<h2>Image Maps</h2>

<p>Click on the sun,hut,tree to go to a new page and read more about it:</p> <center></center>

<map name="workmap">

<area shape="rect" coords="170,125,270,200" alt="hut" href="hut.html">

<area shape="circle" coords="155,82,16" href="sun.html">

<area shape="poly"
coords="275,180,280,105,260,95,235,85,214,64,230,33,240,25,208,2,315,3,295,16,292,25,3
18,4,6,355,60,350,66,345,76,340,92,302,116,300,182" href="tree.html">

</map>

</body>

</html>
```

hut.html

```
<!DOCTYPE html
```

```
<html>
```

```
<body>
```

```
<h2>Hut</h2>
```

```
<center>
```

```
<p align ='justify'>A hut is a small dwelling, which may be constructed of various local materials. Huts are a type of vernacular architecture because they are built of readily available materials such as wood, snow, ice, stone, grass, palm leaves, branches, hides, fabric, or mud using techniques passed down through the generations.</p>
```

```
</center>
```

```
</body>
```

```
</html>
```

sun.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<h2>Sun</h2>
```

```
<center>
```

```
<p align ='justify'>The sun lies at the heart of the solar system, where it is by far the largest object. It holds 99 % of the solar system's mass and is roughly 109 times the diameter of the Earth-about one million Earths could fit inside the sun.</p>
```

```
<p align ='justify'>The sun is one of more than 100 billion stars in the Milky Way. It orbits some 25,000 light- years from the galactic core. completing a revolution once every 250 million years or so. The sun is relatively young, part of a generation of stars known as Population I, which are relatively rich in elements heavier than helium. An older generation of stars is called
```

Population II, and an earlier generation of Population III may have existed, although no members of this generation are known yet </p>

</center>

</body>

</html>

tree.html

<!DOCTYPE html>

<html>

<body>

<h2>Trees</h2>

<center>

<p align ='justify'>

They offer shade on a summer's day. Stunning bursts of colour in fall. The stark beauty of bark against an overcast winter sky. And the hope of rebirth as green leaf shoots sprouts from seemingly out of nowhere in spring. Trees are not only pretty to look at; they are vital to the existence of life. Trees produce oxygen and absorb carbon dioxide, offer a home for teeming communities of wildlife, provide us with timber for making an infinite number of products, and are in general, absolutely incredible. Living beings, large to small, require plants because they eat them and live in them. </p>

</center>

</body>

</html>

OUTPUT

Image Maps

Click on the sun,hut,tree to go to a new page and read more about it:



Sun

The sun lies at the heart of the solar system, where it is by far the largest object. It holds 99 % of the solar system's mass and is roughly 109 times the diameter of the Earth-about one million Earths could fit inside the sun.

The sun is one of more than 100 billion stars in the Milky Way. It orbits some 25,000 light- years from the galactic core, completing a revolution once every 250 million years or so. The sun is relatively young, part of a generation of stars known as Population I, which are relatively rich in elements heavier than helium. An older generation of stars is called Population II, and an earlier generation of Population III may have existed, although no members of this generation are known yet

Hut

A hut is a small dwelling, which may be constructed of various local materials. Huts are a type of vernacular architecture because they are built of readily available materials such as wood, snow, ice, stone, grass, palm leaves, branches, hides, fabric, or mud using techniques passed down through the generations.

EXPERIMENT NO: 5

DATE: 16/12/2022

AIM

Create the following Student Registration Form.

STUDENT REGISTRATION FORM

<< >>

FIRST NAME	<input type="text" value=""/>	(max 30 characters)																									
LAST NAME	<input type="text" value=""/>	(max 30 characters)																									
DATE OF BIRTH	<input type="text" value="dd-mm-yyyy"/>																										
EMAIL ID	<input type="text" value=""/>																										
MOBILE NUMBER	<input type="text" value=""/>	(10 digit number)																									
GENDER	Male <input type="radio"/> Female <input type="radio"/>																										
ADDRESS	<input type="text" value=""/>																										
CITY	<input type="text" value=""/>	(max 30 characters)																									
PIN CODE	<input type="text" value=""/>	(6 digit number)																									
STATE	<input type="text" value=""/>	(max 30 characters)																									
COUNTRY	<input type="text" value="India"/>																										
HOBBIES	Drawing <input type="checkbox"/> Singing <input type="checkbox"/> Dancing <input type="checkbox"/> Sketching <input type="checkbox"/> others <input type="text" value=""/>																										
QUALIFICATION	<table border="1"><thead><tr><th>SLNo</th><th>Examination</th><th>Board</th><th>Percentage</th><th>Year of Passing</th></tr></thead><tbody><tr><td>1</td><td>Class X</td><td></td><td></td><td></td></tr><tr><td>2</td><td>Class XII</td><td></td><td></td><td></td></tr><tr><td>3</td><td>Graduation</td><td></td><td></td><td></td></tr><tr><td>4</td><td>Masters</td><td></td><td></td><td></td></tr></tbody></table> <p>COURSES APPLIED FOR MCA <input type="radio"/> Mech <input type="radio"/> MSc <input type="radio"/> Ph D <input type="radio"/></p>		SLNo	Examination	Board	Percentage	Year of Passing	1	Class X				2	Class XII				3	Graduation				4	Masters			
SLNo	Examination	Board	Percentage	Year of Passing																							
1	Class X																										
2	Class XII																										
3	Graduation																										
4	Masters																										
TYPE YOUR PASSWORD	<input type="text" value=""/>																										
UPLOAD YOUR PHOTO	<input type="button" value="Choose File"/> No file chosen																										
DATE OF TC	<input type="text" value="dd-mm-yyyy"/>																										

SOURCE CODE

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Registration form</title>
```

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

```
<center><h3>STUDENT REGISTRATION FORM</h3>
```

```
<form name="stdregform" method="get">
```

```
<table border="2" cellpadding="10"> <tr><td>FIRST NAME</td>
```

```
<td><input type="text" name="firstname" maxlength="30"> (max 30 characters)</td></tr>
```



```

<tr><td>LAST NAME</td> <<td><input type="text" name="lastname" maxlength="30">
(max 30 characters)</td></tr>

<tr><td>DATE OF BIRTH</td>

<td><input type="date" name="dob"></td></tr>

<tr><td>EMAIL ID</td>

<td><input type="email" name="email"></td></tr> <tr><td>MOBILE NUMBER</td>

<td><input type="text" name="mobno" pattern="17-9]{1}[0-9]{9}" minlength="10"
maxlength="10"> (10 digit number)</td></tr>

<tr><td>GENDER</td> <td>Male<input type="radio" name="gender" value="male">
Female<input type="radio" name="gender" value="female">

</td></tr>

<tr><td>ADDRESS</td>

<td><textarea rows="5" cols="40"></textarea></td>

</tr>

<tr><td>CITY</td>

<td><input type="text" name="city" maxlength="30"> (max 30 characters)</td></tr>

<tr><td>PIN CODE</td>

<td><input type="number" name="pincode" maxlength="6" minlength="6"> (6 digit
number)</td></tr>

<tr><td>STATE</td>

<td><input type="text" name="state" maxlength="30"> (max 30 characters)</td></tr>
<tr><td>COUNTRY</td>

<td><input type="text" name="country" value="India"></td></tr>

<tr><td>HOBBIES</td>

<td>

```

Drawing<input type="checkbox" name="Drawing" value="on">

Singing<input type="checkbox" name="Singing" value="on">

Dancing<input type="checkbox" name="Dancing" value="on">

Sketching<input type="checkbox" name="Dancing" value="on">

others<input type="checkbox" name="others" value="on">

<input type="text" name="hobbies">

</td></tr>

<tr rowspan="5"><td>QUALIFICATION</td>

<td>

<table>

<tr>

<th>Sl.No</th>

<th>Examination</th>

<th>Board</th>

<th>Percentage</th> <th>Year of Passing</th>

</tr>

<tr>

<td align="center">1</td>

<td>Class X</th>

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

<td><input type="number" name="percentage"></td>

<td><input type="number" name="year"></td>

</tr>

<tr>

```

<td align="center">2</td>

<td>Class XII</th>

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

<td><input type="number" name="percentage"></td>

<td><input type="number" name="year"></td>

</tr>

<tr>

<td align="center">3</td>

<th>Grauduation</th>

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

<td><input type="number" name="percentage"></td> <td><input type="number"
name="year"></td>

</tr>

<td align="center">4</td>

<td>Masters</th>

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

<td><input type="number" name="percentage"></td> <td><input type="number"
name="year"></td>

</tr>

<tr>

<td></td> <td></th>

<td>(10 char max)</td> <td>(upto 2 decimal)</td>

<td></td>

</tr>

```

```

<tr>

<td>COURSES APPLIED FOR</td> <td>MCA<input type="radio" name="course"
value="MCA">

</tr>

</table>

Mtech<input type="radio" name="cose" value="Mtech"> MSc<input type="radio"
name="course" value="MSc">

Ph D<input type="radio" name="course" value="Ph D">

</td></tr>

<tr><td>TYPE YOUR PASSWORD</td> <td><input type="password" name="pwd"> (max
30 characters)</td></tr>

<tr><td>UPLOAD YOUR PHOTO</td>

<td><input type="file"></td></tr>

<tr><td>DATE OF TC</td> <td><input type="date" name="date"></td></tr>

<tr><td colspan="2"> <center><input type="submit" nam="submit" value="submit"> <input
type="reset" name="reset value="reset"><center> </td></tr>

</form>

</center>

</html>

```

OUTPUT

STUDENT REGISTRATION FORM

< <																														
FIRST NAME	<input type="text"/> (max 30 characters)																													
LAST NAME	<input type="text"/> (max 30 characters)																													
DATE OF BIRTH	<input type="text"/> dd - mm - yyyy <input type="checkbox"/>																													
EMAIL ID	<input type="text"/>																													
MOBILE NUMBER	<input type="text"/> (10 digit number)																													
GENDER	Male <input type="radio"/> Female <input type="radio"/>																													
ADDRESS	<div><input type="text"/></div>																													
CITY	<input type="text"/> (max 30 characters)																													
PIN CODE	<input type="text"/> (6 digit number)																													
STATE	<input type="text"/> (max 30 characters)																													
COUNTRY	<input type="text"/> India																													
HOBBIES	Drawing <input type="checkbox"/> Singing <input type="checkbox"/> Dancing <input type="checkbox"/> Sketching <input type="checkbox"/> others <input type="checkbox"/> <input type="text"/>																													
QUALIFICATION	<div><</div> <table><thead><tr><th>Sl.No</th><th>Examination</th><th>Board</th><th>Percentage</th><th>Year of Passing</th></tr></thead><tbody><tr><td>1</td><td>Class X</td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td></tr><tr><td>2</td><td>Class XII</td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td></tr><tr><td>3</td><td>Grauduation</td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td></tr><tr><td>4</td><td>Masters</td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td></tr></tbody></table> <div>(10 char max) (upto 2 decimal)</div> <div>COURSES APPLIED FOR MCA <input type="radio"/></div> <div>Mtech <input type="radio"/> MSc <input type="radio"/> Ph D <input type="radio"/></div>					Sl.No	Examination	Board	Percentage	Year of Passing	1	Class X	<input type="text"/>	<input type="text"/>	<input type="text"/>	2	Class XII	<input type="text"/>	<input type="text"/>	<input type="text"/>	3	Grauduation	<input type="text"/>	<input type="text"/>	<input type="text"/>	4	Masters	<input type="text"/>	<input type="text"/>	<input type="text"/>
Sl.No	Examination	Board	Percentage	Year of Passing																										
1	Class X	<input type="text"/>	<input type="text"/>	<input type="text"/>																										
2	Class XII	<input type="text"/>	<input type="text"/>	<input type="text"/>																										
3	Grauduation	<input type="text"/>	<input type="text"/>	<input type="text"/>																										
4	Masters	<input type="text"/>	<input type="text"/>	<input type="text"/>																										
TYPE YOUR PASSWORD	<input type="text"/> (max 30 characters)																													
UPLOAD YOUR PHOTO	<input type="button" value="Choose File"/> No file chosen																													
DATE OF TC	<input type="text"/> dd - mm - yyyy <input type="checkbox"/>																													
<div><input type="button" value="submit"/> <input type="button" value="Reset"/></div>																														