

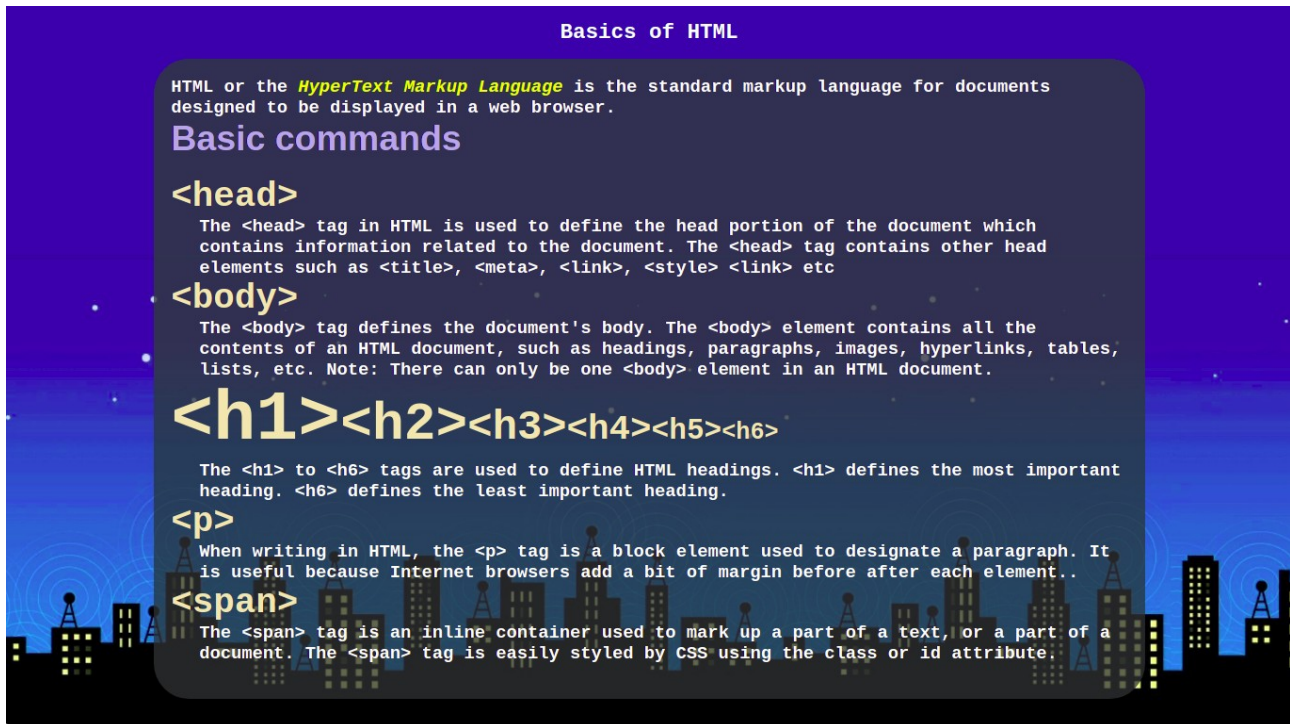
# Computer Project

Class X

By Rhiddhi Prasad Das

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## Project 1



## Code

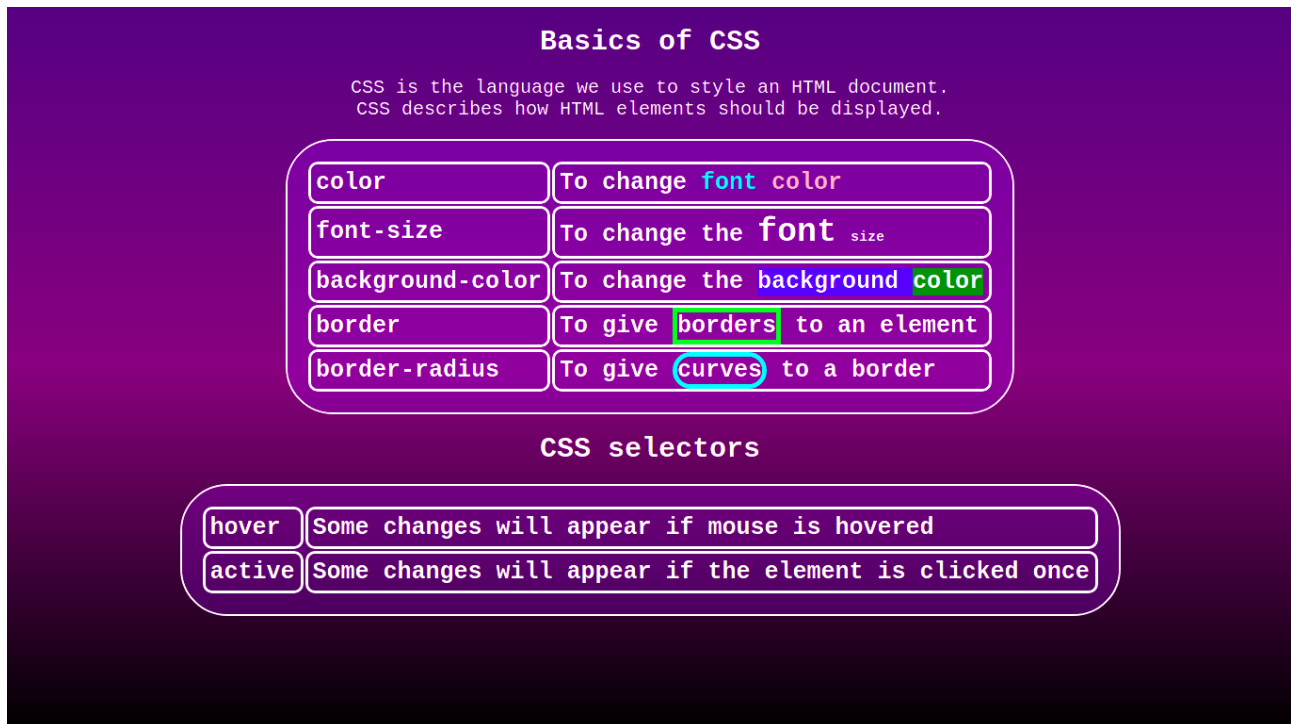
```
<!DOCTYPE html>
<html>
<head>
<title>Project001 || Basics of HTML</title>
<link rel="stylesheet" href="style.css"/>
</head>
<body style="background-image:
url('images/background_001.jpg');background-repeat: no-repeat;
background-attachment: fixed;background-size: cover;">
<center>
<div class="proj001">
<h1>Basics of HTML</h1>
<div class="maintext">
HTML or the <i>HyperText Markup Language</i> is the standard
markup language for documents designed to be displayed in a web
browser.<br />
<span style="font-size: 50px; color:rgba(200,200,255,0.9);font-
```

```

family: sans-serif;">Basic commands</span>
<dl>
<dt>&lt;head&gt;</dt>
<dd>
The &lt;head&gt; tag in HTML is used to define the head portion
of the document which contains information related to the
document. The &lt;head&gt; tag contains other head elements such
as &lt;title&gt;, &lt;meta&gt;, &lt;link&gt;, &lt;style&gt;
&lt;link&gt; etc
</dd>
<dt>&lt;body&gt;</dt>
<dd>
The &lt;<b>body</b>&gt; <b>tag</b> defines the document's
<b>body</b>. The &lt;<b>body</b>&gt; element contains all the
contents of an <b>HTML</b> document, such as headings,
paragraphs, images, hyperlinks, tables, lists, etc. Note: There
can only be one &lt;<b>body</b>&gt; element in an <b>HTML</b>
document.
</dd>
<dt><h1 style="display:inline;">&lt;h1&gt;</h1><h2
style="display:inline;">&lt;h2&gt;</h2><h3
style="display:inline;">&lt;h3&gt;</h3><h4
style="display:inline;">&lt;h4&gt;</h4><h5
style="display:inline;">&lt;h5&gt;</h5><h6
style="display:inline;">&lt;h6&gt;</h6></dt>
<dd>
The &lt;<b>h1</b>&gt; to &lt;h6&gt; <b>tags</b> are <b>used</b>
to define <b>HTML</b> headings. &lt;<b>h1</b>&gt; defines the
most important heading. &lt;h6&gt; defines the least important
heading.
</dd>
<dt>&lt;p&gt;</dt>
<dd>
When writing in <b>HTML</b>, the &lt;<b>p</b>&gt; <b>tag</b> is a
block element <b>used</b> to designate a <b>paragraph</b>. It is
useful because Internet browsers add a bit of margin before after
each element..
</dd>
<dt>&lt;span&gt;</dt>
<dd>
The &lt;<b>span</b>&gt; <b>tag</b> is an inline container used to
mark up a part of a text, or a part of a document. The
&lt;<b>span</b>&gt; <b>tag</b> is easily styled by CSS using the
class or id attribute.
</dd>
</dl>
</div>
</div>
</center>
</body>
</html>

```

# Project 2



## Code

```
<!DOCTYPE html>
<html>
<head>
<title>Project002 || Basics of CSS</title>
<link rel="stylesheet" href="style.css"/>
<style>
p{font-size:20px}
#hover:hover{background:lime;color:black}
#active:active{background:cyan;color:blue;}
</style>
</head>
<body style="background-image: linear-
gradient(indigo,purple,black);background-repeat: no-repeat;
background-attachment: fixed;background-size: cover;">
<div class="proj002">
<center>
<h1>Basics of CSS</h1>
<p>CSS is the language we use to style an HTML document.<br>
CSS describes how HTML elements should be displayed.
</p>
<div class="proj002">
<table>
<tr>
<td>color</td>
<td>To change <span style="color:cyan">font</span> <span
style="color:pink">color</span></td>
```

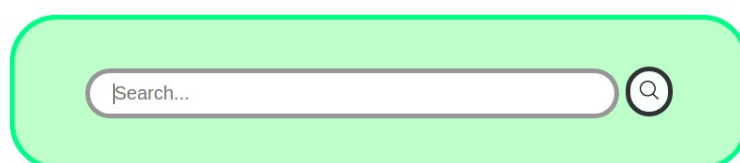
```

</tr>
<tr>
<td>font-size</td>
<td>To change the <span style="font-size: 35px;">font</span>
<span style="font-size:15px">size</span></td>
</tr>
<tr>
<td>background-color</td>
<td>To change the <span style="background-color: blue;">
background </span><span style="background-color: green;"> color
</span></td>
</tr>
<tr>
<td>border</td>
<td>To give <span style="border:5px lime solid">borders</span> to
an element</td>
</tr>
<tr>
<td>border-radius</td>
<td>To give <span style="border:5px cyan solid;border-radius:
50px;">curves</span> to a border</td>
</tr>
</table>
<h1>CSS selectors</h1>
<table>
<tr>
<td id="hover">hover</td>
<td>Some changes will appear if mouse is hovered</td>
</tr>
<tr>
<td id="active">active</td>
<td>Some changes will appear if the element is clicked once</td>
</tr>
</table>
</div>
</center>
</div>
</body>
</html>

```

## Project 3

Google Search Replica



A green rounded rectangle containing a search bar and a magnifying glass icon. The search bar is a white rounded rectangle with a thin grey border and the placeholder text "Search...". To the right of the search bar is a circular magnifying glass icon.

# Code

```
<!DOCTYPE html>
<html>
<head>
<title>Project003 || Google search replica</title>
<style type="text/css">
.mainForm{border-radius:50px; border:springgreen 5px
solid;width:50%; padding:50px;margin-top: 50px; background-
color:rgba(150,255,150,0.5);}
.mainForm input{width:25%;border:rgba(50,51,52,0.5) solid
5px;border-radius:50px;font-size:20px;outline:none;padding:10px
25px;transition: .35s ease;}
.mainForm input:focus{width:75%;}
button{border-radius:50px;padding:10px;border:rgb(50,51,52) solid
5px;transition:.35s ease;background-color:
rgb(250,255,250);width:50px}
button:hover{background-color:rgb(150,251,252);transform:
scale(1.1);}
</style>
</head>
<body>
<center style="margin-top: 50px;">
<h1 style="display:inline;font-family:courier;">
<span style="font-family:fantasy;">
<span style="color:blue">G</span><span
style="color:red">o</span><span
style="color:yellow">o</span><span
style="color:blue">g</span><span
style="color:green">l</span><span style="color:red">e</span>
</span>
Search Replica</h1>
<form method="get" action="https://google.com/search"
autocomplete="off" class="mainForm">
<input name="q" placeholder="Search...">
<button type="submit"></button>
</form>
</center>
</body>
</html>
```



# Project 4.1



## Code

```
<!DOCTYPE html>
<html>
<head>
<title>Project004 || Basic Homepage</title>
<style>
.topMenu{background:black; height:50px;padding:10px;}
.topMenu *{color:white;}
.topMenu .siten{font-size:40px;font-family:monospace;text-
decoration: none;transition:0.3s ease;float: left;outline: none;}
.topMenu .siten:hover{color:pink;}
.topMenu .drop{float:right;font-size:30px;background-
color:transparent;border-color: transparent;outline: none;}
.topMenu .drop button{background-
color:rgba(50,51,52,0.75);display: none;width:175px; font-size:
40px;border-color: transparent;outline:none;}
.topMenu .drop button:hover{background-color:rgba(0,51,52,.9);}
.topMenu .drop span{font-weight:bold;float:right}
.topMenu .drop:hover button{display: inline;}

.bodyMain{text-align:center;color: white;background-
color:rgba(50,51,52,0.75); width:50%;margin-top: 50px;min-
height:400px;padding:10px;border-radius:50px;font-size:25px;font-
family: monospace;}
</style>
</head>
<body style="background-image:
url('images/background_002.jpg');background-repeat: no-repeat;
background-attachment: fixed;background-size: cover;">
<div class="topMenu">
```

```

<a href="index4.1.html" class="siten">ExampleSite.com</a>
<div class="drop">
<span>&#xFE19;</span><br>
<button onclick="location.href =
'index4.1.html'">Home</button><br>
<button onclick="location.href =
'index4.2.html'">About</button><br>
<button onclick="location.href =
'index4.3.html'">Contact</button>
</div>
</div>
<center>
<div class="bodyMain">
Welcome to ExampleSite.com<br><br>
<span style="font-size:50px">
We are here to provide you with example things
</span>
</div>
</center>
</body>
</html>

```

## Project 4.2



## Code

```

<!DOCTYPE html>
<html>
<head>

```



```

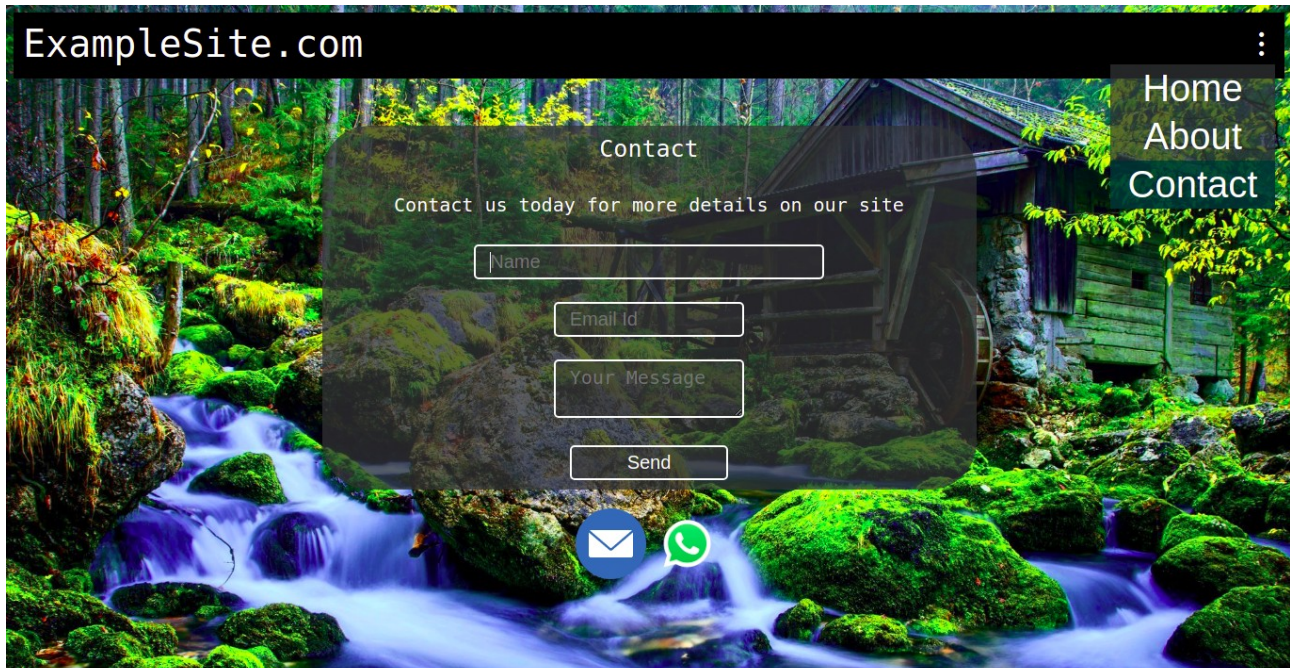
<title>Project004 || Basic Homepage</title>
<style>
.topMenu{background:black; height:50px;padding:10px;}
.topMenu *{color:white;}
.topMenu .siten{font-size:40px;font-family:monospace;text-
decoration: none;transition:0.3s ease;float: left;}
.topMenu .siten:hover{color:pink;}
.topMenu .drop{float:right;font-size:30px;background-
color:transparent;border-color: transparent;outline: none;}
.topMenu .drop button{background-
color:rgba(50,51,52,0.75);display: none;width:175px; font-size:
40px;border-color: transparent;outline:none;}
.topMenu .drop button:hover{background-color:rgba(0,51,52,.9);}
.topMenu .drop span{font-weight:bold;float:right}
.topMenu .drop:hover button{display: inline;}

.bodyMain{text-align:center;color: white;background-
color:rgba(50,51,52,0.75); width:50%;margin-top: 50px;min-
height:300px;padding:10px;border-radius:50px;font-size:25px;font-
family: monospace;}
.bodyMain a{color:seashell}
</style>
</head>
<body style="background-image:
url('images/background_002.jpg');background-repeat: no-repeat;
background-attachment: fixed;background-size: cover;">
<div class="topMenu">
<a href="index4.1.html" class="siten">ExampleSite.com</a>
<div class="drop">
<span>&#xFE19;</span><br>
<button onclick="location.href =
'index4.1.html'">Home</button><br>
<button onclick="location.href =
'index4.2.html'">About</button><br>
<button onclick="location.href =
'index4.3.html'">Contact</button>
</div>
</div>
<center>
<div class="bodyMain">
About<br><br>
<span style="font-size:50px">
We are a group of example people who can do example<br>
<span style="font-size:25px">
For more information, please <a href="index4.3.html">contact</a>
us.
</span>
</span>
</div>
</center>
</body>
</html>

```



# Project 4.3



## Code

```
<!DOCTYPE html>
<html>
<head>
<title>Project004 || Basic Homepage</title>
<style>
.topMenu{background:black; height:50px;padding:10px;}
.topMenu *{color:white;}
.topMenu .siten{font-size:40px;font-family:monospace;text-
decoration: none;transition:0.3s ease;float: left;}
.topMenu .siten:hover{color:pink;}
.topMenu .drop{float:right;font-size:30px;background-
color:transparent;border-color: transparent;outline: none;}
.topMenu .drop button{background-
color:rgba(50,51,52,0.75);display: none;width:175px; font-size:
40px;border-color: transparent;outline:none;}
.topMenu .drop button:hover{background-color:rgba(0,51,52,.9);}
.topMenu .drop span{font-weight:bold;float:right}
.topMenu .drop:hover button{display: inline;}

.bodyMain{text-align:center;color: white;background-
color:rgba(50,51,52,0.75); width:50%;margin-top: 50px;min-
height:300px;padding:10px;border-radius:50px;font-size:25px;font-
family: monospace;}
.bodyMain a{color:seashell}

.bodyMain input,textarea{width:25%;font-size: 20px;padding: 5px
15px;outline: none;background-color:rgba(50,51,52,0.5);border:2px
white solid;color:white;transition: 0.3s ease-in-out;border-
radius: 5px;}
.bodyMain input:focus,textarea:focus{width: 50%;}
```






```

.bodyMain input[type=submit]{width:25%;}
.bodyMain input[type=submit]:hover{color:black;background-
color:white}

.contSym img{width:75px}
</style>
</head>
<body style="background-image:
url('images/background_002.jpg');background-repeat: no-repeat;
background-attachment: fixed;background-size: cover;">
<div class="topMenu">
<a href="index4.1.html" class="siten">ExampleSite.com</a>
<div class="drop">
<span>&#xFE19;</span><br>
<button onclick="location.href =
'index4.1.html'">Home</button><br>
<button onclick="location.href =
'index4.2.html'">About</button><br>
<button onclick="location.href =
'index4.3.html'">Contact</button>
</div>
</div>
<center>
<div class="bodyMain">
Contact<br><br>
<span style="font-size:20px">
Contact us today for more details on our site<br><br>
<form>
<input placeholder="Name"><br><br>
<input placeholder="Email Id" type="email"><br><br>
<textarea placeholder="Your Message"></textarea><br><br>
<input type="submit" value="Send">
</form>
</span>
</div><br>
<div class="contSym">
<a href="mailto:examplemail@gmail.com"></a>
<a href="https://api.whatsapp.com/send/?phone=1234567890"></a>
</div>
</center>
</body>
</html>

```

## Project 5

Name	Image	Email
Samuel		samuel@example.com
Martha		martha9@example.com
Rhody		rhody55@example.com
Wanda		wandavis@example.com
Chloe		chloe1406@example.com

## Code

```
<!DOCTYPE html>
<html>
<head>
<title>Project005 || People and Pictures</title>
<link rel="stylesheet" href="style.css"/>
<style>
body{background-image:linear-gradient(blue,cyan);background-
repeat: no-repeat; background-attachment: fixed;background-size:
cover;}
table,tr,td{border:2px white solid;padding:10px;font-
size:50px;color:white;font-family: Arial;text-align:center}
table{border-width: 5px;border-radius: 5px;}
td{width:200px;background-color:rgba(50,51,52,0.5);border-radius:
15px;}
img{border-radius: 500px;width:50%;transition:0.3s
ease;border:2px white dashed}
img:hover{border:2px white solid;}
</style>
</head>
<body>
<center>
<table>
<tr><th><span>Name</span></th>
<th><span>Image</span></th>
<th><span>Email</span></th></tr>
<tr><td><span>Samuel</span></td>
<td></td>
```

```

<td><span>samuel@example.com</span></td></tr>
<tr><td><span>Martha</span></td>
<td></td>
<td><span>martha9@example.com</span></td></tr>
<tr><td><span>Rhody</span></td>
<td></td>
<td><span>rhody55@example.com</span></td></tr>
<tr><td><span>Wanda</span></td>
<td></td>
<td><span>wandavis@example.com</span></td></tr>
<tr><td><span>Chloe</span></td>
<td></td>
<td><span>chloe1406@example.com</span></td></tr>
</table>
</center>
</body>
</html>

```

## Project 6

**Please Sign Up**

Name

Email

Gender Male ☐ Female ☐ Other ☐

D.O.B.

Password

Confirm Password

## Code

```

<!DOCTYPE html>
<html>
<head>
<title>Project006 || SignUp Form</title>
<link rel="stylesheet" href="style.css"/>
<style>

```

```

body{background-image: url('images/background_001.jpg');background-repeat: no-repeat;
background-attachment: fixed;background-size: cover;}
h1{font-family: Courier;color:white;}
table{border:5px white solid;border-radius: 15px;padding:50px;margin-top: 5%;font-
size:25px;color:white;background:rgba(50,51,52,0.75)}
input{font-size:25px;background-color:rgba(50,51,52,0.5);border:2px white solid;border-
radius:10px;color:white;outline:none;padding:5px 10px;transition:0.5s ease;}
input:focus{border-color:yellow}
span{font-family: Arial;}
button{font-size:25px;margin-top:5px;border-
radius:15px;background:rgba(50,51,52,0.75);color:white;padding:5px 25px;border:white 3px
solid;outline:none;transition:0.3s ease}
button:hover{background:black}
</style>
</head>
<body bgcolor="white">
<center>
<h1>Please Sign Up</h1>
<table>
<form id="myform">
<tr><td><span>Name</span></td>
<td><input value=""></td></tr>
<tr><td><span>Email</span></td>
<td><input value=""></td></tr>
<tr><td><span>Gender</span></td>
<td><label for="male">Male</label>
<input type="radio" value="m" id="male" name="gen">
<label for="female">Female</label>
<input type="radio" value="f" id="female" name="gen">
<label for="others">Other</label>
<input type="radio" value="o" id="other" name="gen"></td></tr>
<tr><td><span>D.O.B.</span></td>
<td><input type="date" value=""></td></tr>
<tr><td><span>Password</span></td>
<td><input type="password" value=""></td></tr>
<tr><td><span>Confirm Password</span></td>
<td><input type="password" value=""></td></tr>
</form>
</table><button form="myform">SignUp</button>
</center>
</body>
</html>

```



# Project 7



## Code

```
<!DOCTYPE html>
<html>
<head>
<title>Project007 || Slide Show</title>
<style>
html{scroll-behavior: smooth;}
body{height:97vh;background-image: url('images/background_001.jpg');background-repeat: no-repeat;
background-attachment: fixed;background-size: cover;}
.slide{height:100%;background:rgba(50,51,52,0.75);margin-bottom:50px;color:white;padding:5px;text-align:center}
.slide button{color:white; border:2px solid white;font-size: 50px;width:100%;background-color:
transparent;outline:none;}
.slide h1{font-size:50px}
.slide h2{font-size:40px}
.slide h3{font-size:25px}
.slide img{width:200px;height:200px;object-fit: cover;border-radius: 100px;border:whitesmoke 2px solid}
</style>
</head>
<body>
<div class="slide" id="sld1"><button onclick="location.href = '#sld2'">Next Slide</button>
<h1>Pollution</h1>
<h3>Pollution is the introduction of contaminants into the natural environment that cause adverse change.
<br>
Pollution can take the form of chemical substances or energy, such as noise, heat, or light. <br>
Pollutants, the components of pollution, can be either foreign substances/energies or naturally occurring
contaminants.</h3>
<h2>There are 3 main types of Pollutions.</h2>
<h3>Air Pollution, Water Pollution and Land Pollution</h3></div>
<div class="slide" id="sld2"><button onclick="location.href = '#sld3'">Next Slide</button>
<h1>Air Pollution</h1>
```



<h3>Air pollution is the presence of substances in the atmosphere that are harmful to the health of humans and other living beings,  
or cause damage to the climate or to materials.<br>

There are different types of air pollutants, such as gases, particulates, and biological molecules.</h3></div>

<div class="slide" id="sld3"><button onclick="location.href = '#sld4'">Next Slide</button>

<h1>Water Pollution</h1>



<h3>Water pollution occurs when harmful substances—often chemicals or microorganisms—contaminate a stream, river,  
lake, ocean, aquifer, or other body of water, degrading water quality and rendering it toxic to humans or the environment.</h3></div>

<div class="slide" id="sld4"><button onclick="location.href = '#sld5'">Next Slide</button>

<h1>Land Pollution</h1>



<h3>Soil contamination or soil pollution as part of land degradation is caused by the presence of xenobiotics chemicals or other alteration in the natural soil environment.<br>

It is typically caused by industrial activity, agricultural chemicals or improper disposal of waste.</h3></div>

<div class="slide" id="sld5"><button onclick="location.href = '#sld1'">First Slide</button>

<h1>We still have time</h1>



<h3>Only if we start to take more care of our mother planet, we can preserve the earth for a really long time.<br>

We should all plant a tree whenever we can stop littering and use recyclable goods for our daily use.<br>

Lets save the earth before its too late.</h3>

<h2>Thank You</h2></div>

</body>

</html>

## Project 8

### Some proud facts about India

We all know that India is a great nation.  
It is not one particular thing that makes it great, it is an amalgamation of things.  
From being the world's largest democracy to being one of the oldest civilizations in the world, there are many things that make it unique.

Here are some facts about our India....

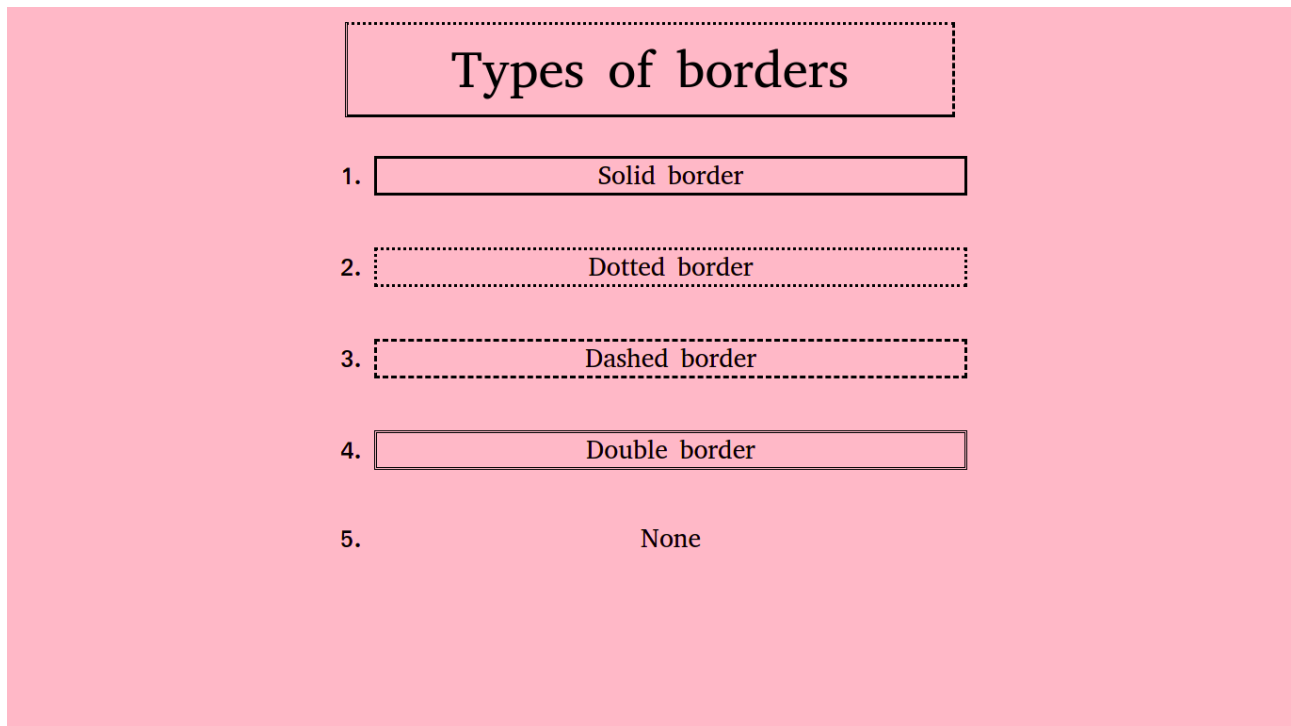
- Despite budgetary constraints, India's space program is one of the top 5 space programs in the world.
- India has the world's largest school in terms of students, the City Montessori School in Lucknow. It has more than 45 thousand students.
- India is the largest producer of movies in the world.
- India is the largest milk producer in the world.
- The world's largest road network is in India - over 1.9 million miles of roads cover the country.
- Martial arts was first created in India.
- May 26 is celebrated as Science Day in Switzerland in honour of former President Dr. APJ Abdul Kalam.
- The first rocket in India was transported on a cycle.
- Water on moon was discovered by India.
- Shampoo was invented in India. The word 'shampoo' is derived from a sanskrit word 'champu'.
- India's kumbh mela is the largest in the world. It is also visible from the space.

I am proud to be Indian... are you?

# Code

```
<!DOCTYPE html>
<html>
<head>
<title>Project008 || Facts about India</title>
<link rel="stylesheet" href="style.css"/>
<style>
body{background-image: linear-gradient(orange,white,green);background-repeat: no-repeat; background-
attachment: fixed;background-size: cover;}
div{width:100%;text-align:center;color:indigo}
h1{font-size:50px;}
li{color:blue;font-size: 17px;text-align:left}
</style>
</head>
<body>
<div>
<h1>Some proud facts about India</h1>
<h2>We all know that India is a great nation.<br>
It is not one particular thing that makes it great, it is an amalgamation of things.<br>
From being the world's largest democracy to being one of the oldest civilizations in the world, there are
many things that make it unique.<br>
<span style="color:green;">Here are some facts about our India....</span>
</h2>
<ul type="circle">
<li>Despite budgetary constraints, India's space program is one of the top 5 space programs in the world.</li>
<li>India has the world's largest school in terms of students, the City Montessori School in Lucknow. It has
more than 45 thousand students.</li>
<li>India is the largest producer of movies in the world.</li>
<li>India is the largest milk producer in the world.</li>
<li>The world's largest road network is in India - over 1.9 million miles of roads cover the country.</li>
<li>Martial arts was first created in India.</li>
<li>May 26 is celebrated as Science Day in Switzerland in honour of former President Dr. APJ Abdul
Kalam.</li>
<li>The first rocket in India was transported on a cycle.</li>
<li>Water on moon was discovered by India.</li>
<li>Shampoo was invented in India. The word 'shampoo' is derived from a sanskrit word 'champu'.</li>
<li>India's kumbh mela is the largest in the world. It is also visible from the space.</li>
</ul>
<h2>I am proud to be Indian... are you?</h2>
</div>
</body>
</html>
```

# Project 9

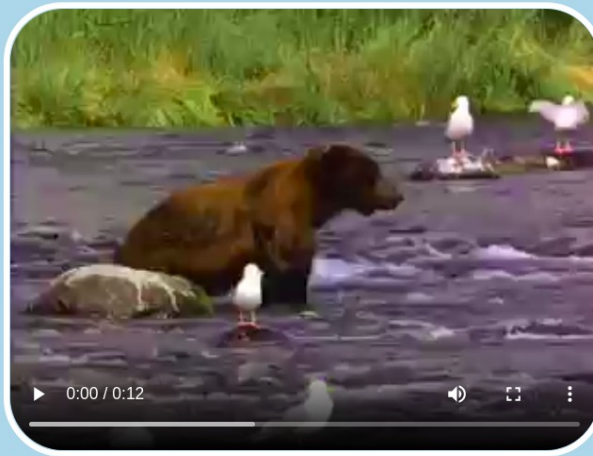


## Code

```
<!DOCTYPE html>
<html>
<head>
<title>Project009 || Types of Borders</title>
<style>
span{border-style: dotted dashed solid double;padding:10px 100px;font-size:50px;}
li{font-size:25px;margin-top:50px;}
</style>
</head>
<body bgcolor="pink">
<br>
<center>
<div style="width:50%"><span>Types of borders</span>
<ol><li style="border-style: solid;">Solid border</li>
<li style="border-style: dotted;">Dotted border</li>
<li style="border-style: dashed;">Dashed border</li>
<li style="border-style: double;">Double border</li>
<li style="border-style: none;">None</li></ol></div>
</center>
</body>
</html>
```

# Project 10

## Video tag in use



## Code

```
<!DOCTYPE html>
<html>
<head>
<title>Project010 || Types of Borders</title>
<style>
video{border: 5px white solid;border-radius:50px;}
</style>
</head>
<body bgcolor="lightblue">
<center>
<h1>Video tag in use</h1>
<video controls width="500">
<source src="https://www.w3schools.com/tags/movie.mp4">
</video>
</center>
</body>
</html>
```



## style.css

```
.proj001{color:white}
.proj001 *{font-family: courier;}
.proj001 .maintext{text-align:left;width:75%;background-color:rgba(50,51,52,0.75);min-height:500px;border-radius:50px;padding:25px;font-weight: bold;font-size:25px}
.proj001 .maintext i{color:yellow;}
.proj001 .maintext dt{color:wheat;font-weight:bold;font-size: 50px;}

.proj002{color:white}
.proj002 *{font-family: courier;}
.proj002 td{border:white 3px solid;font-size: 25px;font-weight:bold;padding:5px;border-radius:10px;}
.proj002 table{background:rgba(150,51,252,0.25);border:white 2px solid;padding:20px;border-radius: 50px;}
```

# Thank you