CSS BASICS

1. Add css in your block

body {

background-color: lightblue;

}

h1 {

color: navy;

margin-left: 20px;

}

a)

2. Create a page with different background-colour of a page and set an

image as the background-image of a page (image should not scroll with

the rest of the page and specify the size of a background image)-->

<!DOCTYPE html>

<html>

<head>

<link rel="stylesheet" href="jala\_basics002.css" />

</head>

<body>

<h1>The background-image Property</h1>

</body>

</html>

. div {

border-style: groove; /\* defining border style \*/

border-width: 7px; /\* defining border size \*/

border-color: coral; /\* defining border colour \*/

}

.

}

3. Create a different page with the width, style and color of the 4 border-style(set

different borders on each side with different patterns).

div {

border-style: groove;

border-width: 7px;

border-color: greenyellow;

}

</style>

</head>

<body>

<h1>A Heading with a groove border</h1>

<div>A div element with a groove border.</div>

</body>

</html>

5) create a developed and set the heights in pixel

div {

height: 200px; /\*height in pixels\*/

width: 50%; /\* width in %\*/

background-color: powderblue;

}

COMPATIBILTY

1. Create a table and apply table-layout as fixed and none

table {

border-collapse: collapse;

border: 1px solid black;

}

th,

td {

border: 1px solid black;

}

table.b {

table-layout: fixed;

width: 180px;

}

table.c {

table-layout: auto;

width: 100%;

}

2. Create a list and change its list-style-type

ul.a {

list-style-type: circle;

}

ul.b {

list-style-type: square;

ol.c {

list-style-type: upper-roman;

}

ol.d {

list-style-type: lower-alpha;

}

2 Create a list and change its list-style-type-->

<!DOCTYPE html>

<html>

<head>

<link rel="stylesheet" href="jala\_compatibility002.css" />

</head>

<body>

<h1>The list-style-type: ordered and unordered</h1>

<p>unordered lists:</p>

<ul class="a">

<li>Coffee</li>

<li>Tea</li>

<li>Coca Cola</li>

</ul>

<ul class="b">

<li>Coffee</li>

<li>Tea</li>

<li>Coca Cola</li>

</ul>

<p>ordered lists:</p>

<ol class="c">

<li>Coffee</li>

<li>Tea</li>

<li>Coca Cola</li>

</ol>

<ol class="d">

<li>Coffee</li>

<li>Tea</li>

<li>Coca Cola</li>

</ol>

</body>

</html>

3. Create a grid with of different types

.grid-container {

display: grid;

row-gap: 50px;

grid-template-columns: auto auto auto;

background-color: #f321d0;

padding: 10px;

}.grid-container {

display: grid;

column-gap: 50px;

grid-template-columns: auto auto auto;

background-color: #fda3ee;

padding: 10px;

}

.grid-item {

background-color: #cc00aa;

border: 1px solid #000000cc;

padding: 20px;

font-size: 30px;

text-align: center;

}

4. Create a hero image

body,

html {

height: 100%;

}

.hero-image {

background-image: linear-gradient(rgba(0, 0, 0, 0.5), rgba(0, 0, 0, 0.5)),

url("https://d2n9h2wits23hf.cloudfront.net/image/v1/static/6057949432001/1aa38de4-a330-4641-9280-ff5c217642bf/94f4e009-bc93-4e89-b1fd-3ec61e083a13/1280x720/match/image.jpg?Key-Pair-Id=APKAINLZLPQXMZG2IC5A&Policy=eyJTdGF0ZW1lbnQiOlt7IlJlc291cmNlIjoiaHR0cHM6Ly9kMm45aDJ3aXRzMjNoZi5jbG91ZGZyb250Lm5ldC9pbWFnZS92MS9zdGF0aWMvNjA1Nzk0OTQzMjAwMS8xYWEzOGRlNC1hMzMwLTQ2NDEtOTI4MC1mZjVjMjE3NjQyYmYvOTRmNGUwMDktYmM5My00ZTg5LWIxZmQtM2VjNjFlMDgzYTEzLzEyODB4NzIwL21hdGNoL2ltYWdlLmpwZyoiLCJDb25kaXRpb24iOnsiRGF0ZUxlc3NUaGFuIjp7IkFXUzpFcG9jaFRpbWUiOjE2NDYyNDcwNTB9fX1dfQ\_\_&Signature=Q73OzIjzLVKX~yCHkQhIfsfG~ySVBjGjBdW9of4xJhjZeCdwcXnhYwuf8oNmx66Y5bx~aGZasdoX22WR~5vAGgxMSGvG7MX-iG5~BjXA~SWfeo5XxoQUCxkNuzBYTsCp5OWJke4ij-gF5-U37gv09yisCowNCwV5tQfs0csN-L7fQZvrTSdt748G5BUeGtHYmlbUWrFx0nn4~56XrUwgOUqyhsZ1IG2NcyNVaPPcZBpGtfbXNsJpoAD6U69yvUMOJaQmKg5C3e9fQtFIhpDBgwPijjf-KcGJgtX6lKIq05EWro3F~1vjOIrexGrWLRBe5UbAeSKnOvLMUm8vnuOUBw\_\_");

height: 50%;

background-position: center;

background-repeat: no-repeat;

background-size: cover;

position: relative;

}

.hero-text {

text-align: center;

position: absolute;

top: 50%;

left: 50%;

transform: translate(-50%, -50%);

color: white;

}

5. Write a program of view-port for grid, media queries, image and video.

{

box-sizing: border-box;

}

/\*here are the properties of all the components of the webpage\*/

.row::after {

content: "";

clear: both;

display: block;

}

[class\*="col-"] {

float: left;

padding: 15px;

}

img {

width: 75%;

height: auto;

}

video {

max-width: 100%;

height: auto;

}

html {

font-family: "Lucida Sans", sans-serif;

}

.header {

background-color: #9933cc;

color: #ffffff;

padding: 15px;

}

}

1. use css animation

.css file

.box {

background-color: #663399;

border-radius: 10px;

width: 300px;

height: 300px;

animation-name: rotate;

animation-duration: 3s;

animation-iteration-count: 4;

animation-delay: 2s;

}

@keyframes rotate {

0% {

transform: rotate(0);

}

100% {

transform: rotate(360deg);

}

}

.pagination {

display: inline-block;

}

.pagination a {

border: 1.5px solid #ffbcfc;

}

.pagination a {

color: black;

float: left;

padding: 8px 16px;

text-decoration: none;

}

.pagination a {

margin: 0 4px;

}

.pagination a.active {

background-color: #663399;

color: white;

}

.pagination a:hover:not(.active) {

background-color: #d8b4fc;

}

2.. .html file

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta http-equiv="X-UA-Compatible" content="IE=edge" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<title>Document</title>

</head>

<body>

<link rel="stylesheet" href="jala\_effects002.css" />

<div class="box"></div>

<br />

<h2>Animations and Paginations</h2>

<p>Hovering over numbers changes the colour</p>

<div class="pagination">

<a href="#">&laquo;</a>

<a href="#">1</a>

<a class="active" href="#">2</a>

<a href="#">3</a>

<a href="#">4</a>

<a href="#">5</a>

<a href="#">6</a>

<a href="#">&raquo;</a>

</div>

</body>

</html>

3. Add positions to CSS block (static, relative, fixed, absolute and sticky).

below are the attributes for each type of css blocks\*/

div.static {

position: static;

border: 3px solid #ff92ff;

}

div.relative {

position: relative;

left: 30px;

border: 3px solid #ff92ff;

}

div.fixed {

position: fixed;

bottom: 1000;

right: 500;

width: 300px;

border: 3px solid #ff92ff;

}

div.relative {

position: relative;

width: 400px;

height: 200px;

border: 3px solid #ff92ff;

}

div.absolute {

position: absolute;

top: 80px;

right: 0;

width: 200px;

height: 100px;

border: 3px solid #ff92ff;

}

div.sticky {

position: -webkit-sticky;

position: sticky;

top: 0;

padding: 5px;

background-color: #ff38ff;

border: 2px solid #ff92ff;

}

1. .html file

<!DOCTYPE html>

<html>

<head>

<link rel="stylesheet" href="jala\_effects003.css" />

</head>

<body>

<h2>Static</h2>

<!--this is for static element-->

<p>

An element with position: static; is not positioned in any special way; it

is always positioned according to the normal flow of the page:

</p>

<div class="static">This div element has position: static;</div>

<h2>Relative</h2>

<!--this is for relative element-->

<p>

An element with position: relative; is positioned relative to its normal

position:

</p>

<div class="relative">This div element has position: relative;</div>

<h2>Fixed</h2>

<!--this is for fixed element-->

<p>

An element with position: fixed; is positioned relative to the viewport,

which means it always stays in the same place even if the page is

scrolled:

</p>

<div class="fixed">Fixed</div>

<h2>Absolute;</h2>

<!--this is for absolute element-->

<p>

An element with position: absolute; is positioned relative to the nearest

positioned ancestor (instead of positioned relative to the viewport, like

fixed):

</p>

<div class="relative">

<!--this is relative element-->

This div element has position: relative;

<div class="absolute">This div element has position: absolute;</div>

</div>

<p>

Try to <b>scroll</b> inside this frame to understand how sticky

positioning works.

</p>

<div class="sticky">Sticky</div>

<!--this is for sticky element-->

<div style="padding-bottom: 2000px">

<p>

In this example, the sticky element sticks to the top of the page (top:

0), when you reach its scroll position.

</p>

<p>Scroll back up to remove the stickyness.</p>

<p>

Some text to enable scrolling.. Maggie was not banned it was RECALLED due to marginally higher lead content than the permissible limit of 2.5 PPM.

In India, the maximum permissible limit for lead in a product is 2.5 parts per million. FSSAI reports that the majority of packed noodles tested had lead content above this threshold to levels high as 17 ppm being recorded.

</p>

<p>

Some text to enable scrolling.. Nestle disputes these findings arguing that their tests had all been within food safety limits and further testing for lead is being undertaken in India as well as other countries including the UK, Australia and the USA

Instant noodles are a staple for many households, especially in India and Asia. In India, Swiss brand Maggi – part of the Nestlé family – has held a near monopoly since 1983.

</p>

</div>

</body>

</html>

4.

.css Handling Overflow using scroll.-->

. body {

background-color: #e7e9eb;

}

#myDIV {

height: 300px;

background-color: #ffffff;

}

.ex1 {

background-color: lightblue;

width: 150px;

height: 100px;

overflow: auto;

}

5. adding a opacity

.css file

img {

/\*opacity when the page loads \*/

opacity: 0.3;

}

img:hover {

/\*opacity when you hover \*/

opacity: 1;

}

PAGE ADJUSTMENTS

1. 1. A page which specify a black border for table and if hover on it, page should change

it's colour.  
.css file

table {

border-collapse: separate;

border-spacing: 0;

}

/\*here is the code for changing the colour of block when mouse

is hovering over it \*/

tr {

position: relative;

z-index: 1;

top: var(--rowCount);

}

td {

border: solid 1px black;

border-style: solid none;

padding: 10px;

}

td:first-child {

border-left-style: solid;

border-top-left-radius: 10px;

border-bottom-left-radius: 10px;

}

td:last-child {

border-right-style: solid;

border-bottom-right-radius: 10px;

border-top-right-radius: 10px;

}

tr:last-child td {

border-bottom: solid 1px black;

}

tr:hover {

z-index: 5;

}

3. 3. A long page which should have two links "click to go to bottom of page" and "click to

go to top of page" . Also set their scroll-behavior to scroll smoothly.

3. html {

scroll-behavior: smooth; /\* this is specifying the scroll behaviour\*/

}

body {

font: 14px/2 Georgia, serif;

}

#page-wrap {

max-width: 500px;

margin: 1rem auto;

padding: 1rem;

}

h1,

h2 {

line-height: 1.2;

}

p,

ul,

h1 {

margin: 0 0 1rem 0;

}

4. Add padding and margin with different size and understand the difference between

them.

#div-0 {

padding: 20px; /\*this is to specify the padding dimensions\*/

}

#div-1 {

padding-top: 20px; /\*this is to specify the padding top dimensions\*/

}

#div-2 {

margin: 30px 60px 90px; /\*this is to specify the margin dimensions\*/

}

#div-3 {

margin: 30px 60px 90px 120px; /\*this is to specify the margin dimensions\*/

}

/\* other styling \*/

.container {

background-color: #00bda5;

display: inline-block;

margin: 10px;

}

div {

/\* other styling \*/

background-color: #ff7a59;

color: #2d3e50;

font-family: "Avenir";

font-weight: bold;

margin: 20px;

display: inline-block;

text-align: center;

}

.child {

background-color: #ff7a59;

border-radius: 10px;

color: #2d3e50;

font-family: "Avenir";

font-weight: bold;

padding: 20px;

display: inline-block;

text-align: center;

}

5.

background-image: url(http://static.demilked.com/wp-content/uploads/2018/03/5aaa1cb8ecce7-funny-weird-wtf-stock-photos-54-5a3bb0a19c729\_\_700.jpg),

url(https://www.pngkit.com/png/detail/174-1747550\_rainbow-light-png-grass.png);

background-position: right bottom, left top;

background-size: 300px 500px;

background-repeat: no-repeat, repeat;

padding: 250px;

}

</style>

</head>

<body>

<h1>Multiple Image Backgrounds with different sizes</h1>

<div id="example1">

<h1>sugar</h1>

<p>

. Pick a Mini Matte Lipstick or Intense Black Kajal

✨ Pick a Mini Highlighter or Mini Bronzer

✨ Pick a BB cream

</p>

<p>

ick a Dual Eyeshadow or Lengthening Mascara or 24hr Eyeliner

✨ Get an ethnic festive pouch, a wallet cardholder and a festive special notecard

</p>

</div>