

Training Schedule

Course Name: CSS

Session 1:

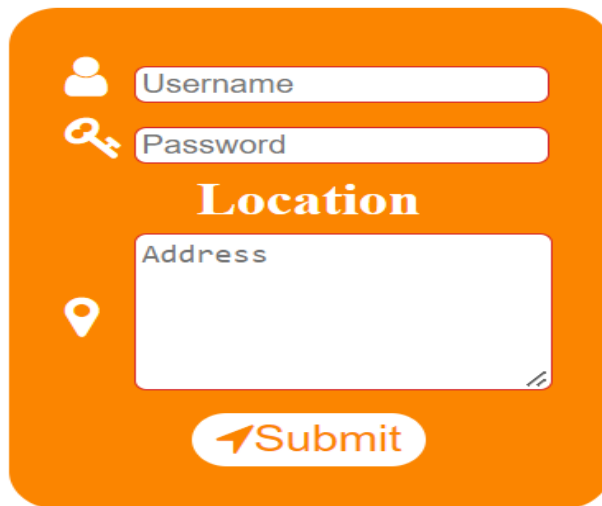
Lecture Duration: 2 Hrs

- What is CSS?
- Types of CSS (Inline/ Internal/
- Call id name by #
- Call the class name by .
- Various units of dimensions : px, rem, em
- Property font size
- Property color: _____;
- Property width: __px;
- Property width: __ : (top-bottom right-left, top right-left bottom, top right bottom left)
- Property height: __px;
- Property border-colour
- Property border-style (solid, dashed, dotted, double, inset, outset)
- Property border: border-width border-style border-color;
- Property border: none;

Exercise: Give image a border

Assignment 1:

Make a table with icons as label and make the background coloured and give it a border



Session 2:

Lecture Duration: 2 Hrs

- Property border-radius: __px;
- Property border-radius: __%;
- Property border-top-left-radius, Property border-top-right-radius, Property border-bottom-right-radius, Property border-bottom-left-radius, Property border: top-left top-right bottom-right bottom-left
- Property background-color: ____;
- Property background-image: url();
- Property background-repeat: no-repeat;
- Property background-size: cover; contain;
- Property background-position: center; right; left; top right; top left; bottom right; bottom left; center center;

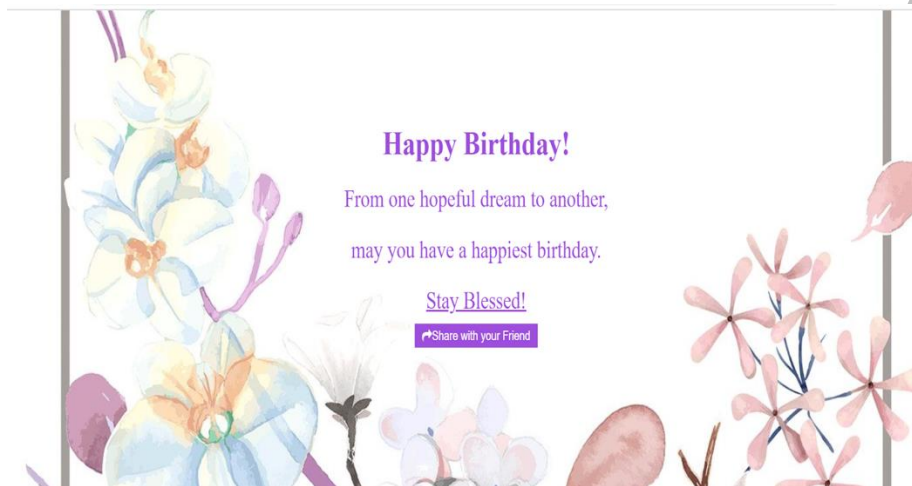
- Property background-attachment: fixed; scroll;

Exercise: Give image a border on 3 sides

Exercise: Make a div give image as a background and then make border-circle

Assignment 2:

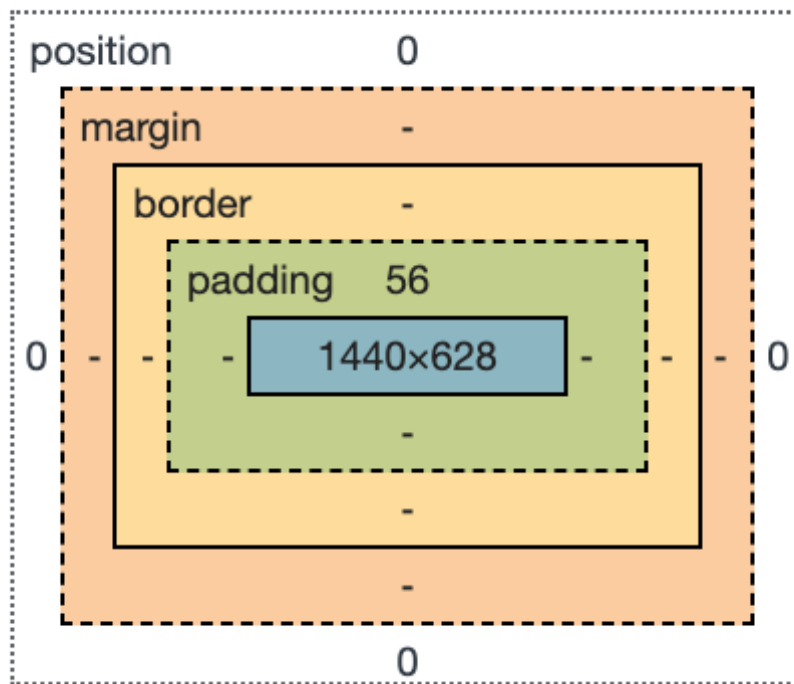
Make a website greeting card



Session 3:

Lecture Duration: 2 Hrs

- Explain CSS Box Model



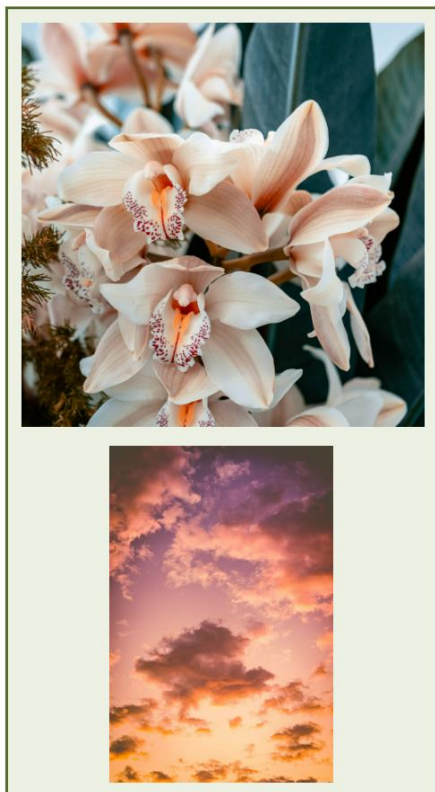
- Property margin: __px; (top, right, bottom, left)
- Property margin: top-bottom right-left;, top right-left bottom;, top right bottom left; ,
- Property padding: __px; (top, right, bottom, left)
- Property padding: top-bottom right-left; , Property padding: top right-left bottom; , Property padding: top right bottom left;
- Property text-transform (lowercase, uppercase, capitalize)
- Property word-spacing: __px;
- Property letter-spacing: __px;
- Property line-height: __px;

- Property text-decoration: (none, line-through; over-line, underline)
- Property text-align: (Centre, right, left, justify)
- Property font-size: __px;
- Property font-weight: __px;
- Property font-style: italic;
- Property font-family: (show how to add google fonts)
- Property float : right /left /none

Exercise: Give image a border

Assignment 3:

Make a div(div1). Inside div1 add and <div2>. Give div2 a background-image. Give div1, img and div2 margin and padding such that img and div2 are aligned center of div1.



Session 4:**Lecture Duration: 2Hrs**

- Pseudo class in CSS : A pseudo-class is used to define a special state of an element. (eg, on hover change to this, etc.)
- The a:link (a normal unvisited link)
- The a:visited(a normal visited link)
- The a:hover (hover over a link)
- The a:active (when the link is active)
- The pseudo class :hover can be used in every class.
- While :link, :visited, :active are only used specifically for anchor tags only.
- Property overflow: (hidden, scroll, auto)

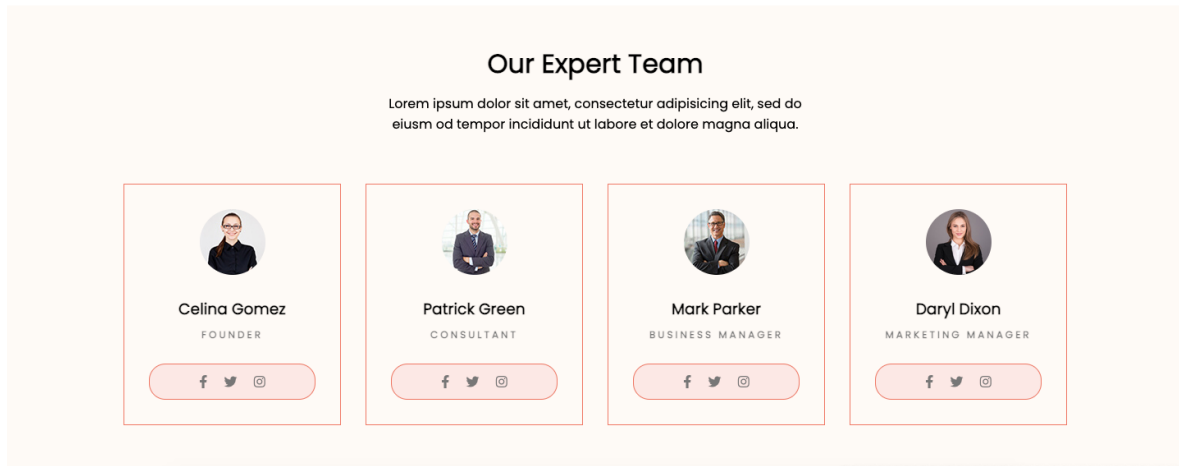
Exercise 1: Make a div, give it background image and then some text. Give margin padding to the text such that it is aligned center both horizontally and vertically.

Exercise 2: Make a div give it width, height, border, background-color. On hover change the background-color to background-image.

Exercise 3: Change the color of the button on hover..

Assignment 4:

Make the output as shown as below



Session 5:

Lecture Duration: 2 Hrs

- Property width: 100%; to table;
- Property border-collapse: collapse;
- Property border-collapse: separate;
- Pseudo class :nth-child() [:nth-child(odd), :nth-child(even), :nth-child(number)]
- Property list-style-type: none;, disc;, square; lower-roman;, upper-roman;, upper-alpha;, lower-alpha;
- Property display: inline;, block , inline-block;

Exercise 1: Make a navbar (hint: using display inline-block and :nth-child())

Assignment 5:

Plan Name	Price / Month	Features	Action
BASIC PLAN	\$9	1GB Disk Space 100 Email Account 24/7 Support	Purchase Now
SILVER PLAN	\$19	1GB Disk Space 100 Email Account 24/7 Support	Purchase Now
SILVER PLAN	\$39	1GB Disk Space 100 Email Account 24/7 Support	Purchase Now

Session 6:

Lecture Duration: 2 Hrs

- How to call a child using parent
- Property display: none; , block

Exercise 1: Make a navbar with active link and color and background-color changes on hover.

Exercise 2: On hover image is displayed

Exercise 3: On hover on outside div inside div border is displayed and on hover on inside div inside div image is displayed.

Exercise 4: Make a card and change background-color and color on display.

Assignment 6:

Make the table below

Starter	Professional	Business	Unlimited
\$29 p/m	\$59 p/m	\$99 p/m	\$149 p/m
Unlimited Bandwidth	Unlimited Bandwidth	Unlimited Bandwidth	Unlimited Bandwidth
Free setup	Free setup	Free setup	Free setup
3 tracks	10 tracks	100 tracks	Unlimited tracks
5% Transaction fee	3% Transaction fee	2% Transaction fee	1% Transaction fee
100mb storage	500mb storage	1000mb storage	Unlimited storage
SIGN UP NOW	SIGN UP NOW	SIGN UP NOW	SIGN UP NOW

Session 7:

Lecture Duration: 2 Hrs

- Property display: table; (on parent)
- Property display: table-cell; (on child)
- Property vertical-align: top;
- Property vertical-align: bottom;
- Property vertical-align: middle;
- Property visibility: visible;
- Property visibility: hidden;
- Display Vs visibility property;

Classes

Assignment 7:

Home About Portfolio Services Prices Team Blog Contact

Our Team



Session 8:**Lecture Duration: 2 Hrs**

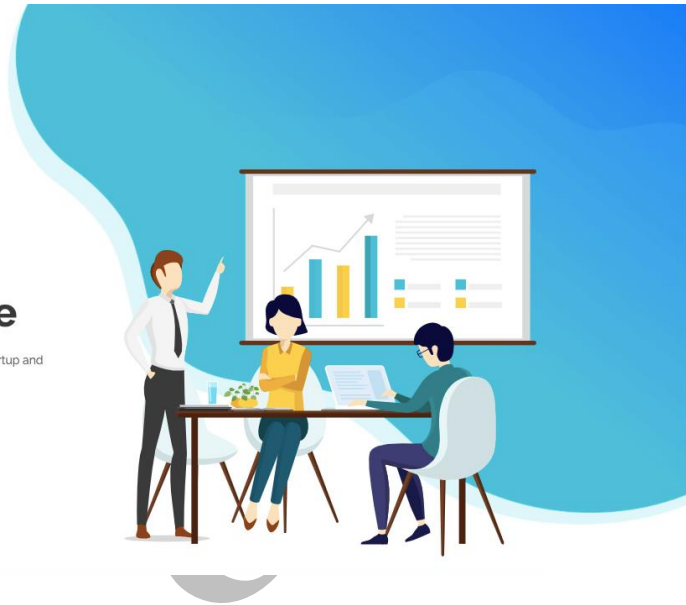
- Flex vs Inline-block vs table
- Property display: flex;
- Property flex-direction: row;
- Property flex-direction: row-reverse;
- Property flex-direction: column;
- Property flex-direction: column-reverse;
- Property align-items: center;
- Property align-items: flex-end;
- Property align-items: flex-start;
- Property align-self: center;
- Property align-self: flex-end;
- Property align-self: flex-start;
- Property justify-content: center;
- Property justify-content: flex-end;
- Property justify-content: flex-start;
- Property justify-content: space-evenly;
- Property justify-content: space-around;
- Property justify-content: space-between

Exercise 1: Make a div with background image and heading. On hover, change the background image and make the heading to align at center using display: flex; properties

Assignment 8:

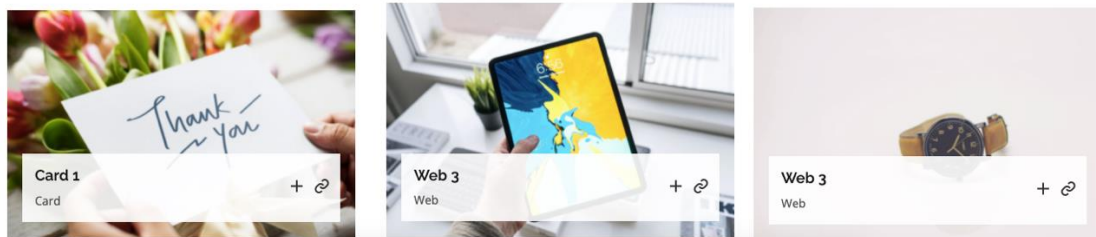
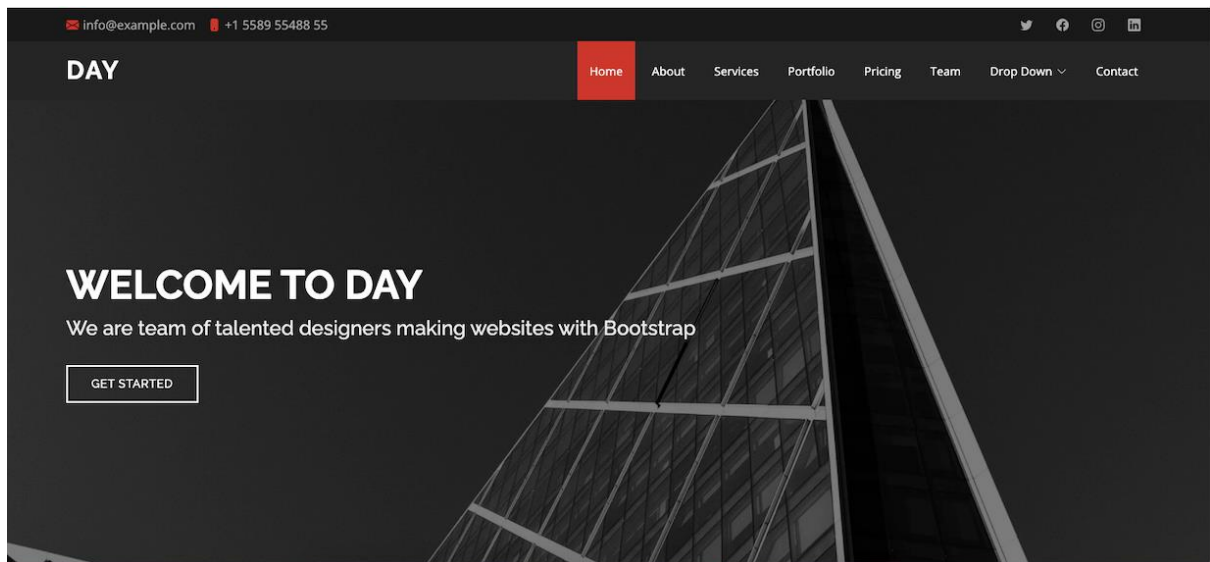
StartUp Landing Page Template Free

Use Evolo free landing page template to promote your business startup and generate leads for the services

[DISCOVER](#)**Session 9:
Lecture Duration: 2 Hrs**

- Property position: static;
- Property position: fixed;
- Property position: relative;
- Property position: absolute;
- Property top: ____;
- Property bottom: ____;
- Property right: ____;
- Property left: ____;

Assignment 9:

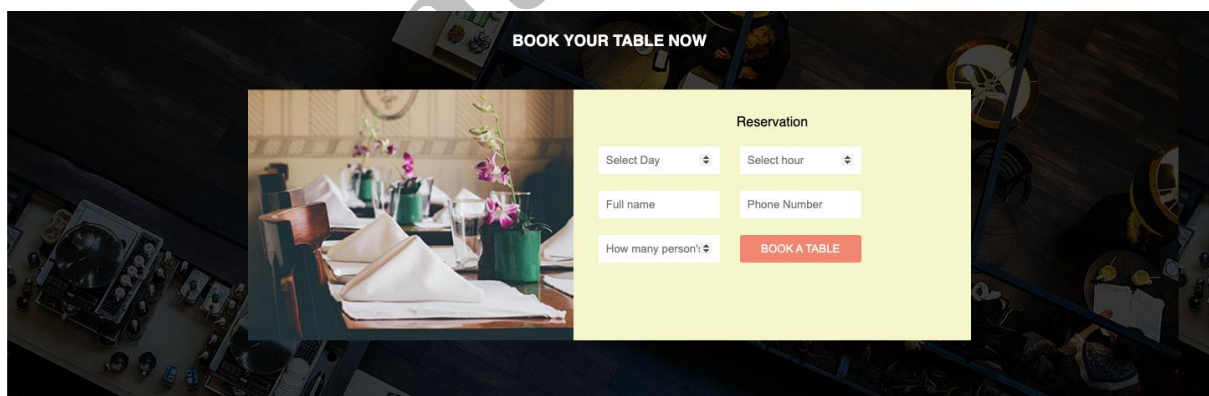
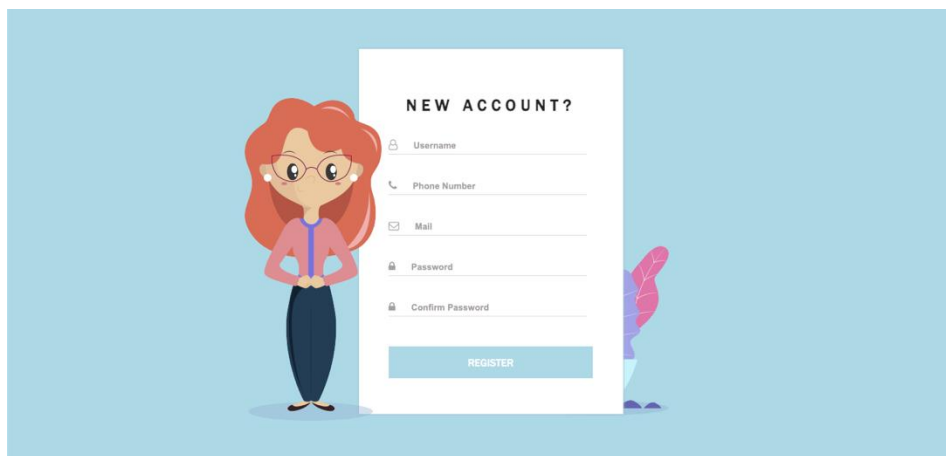


Session 10:

Lecture Duration: 2 Hrs

- Property position: sticky;
- Call using attributes in input tag

Assignment 10:



Session 11:**Lecture Duration: 2 Hrs**

- Descendant Selector - (div p) Selects every child p under parent div
- Child Selector - (div > p) Only selects the direct child
- Adjacent sibling selector - (h2 + p) Selects the first p which comes after h2 and is also a sibling to h2
- General sibling selector - (h3 ~ p) Selects every p which come after h3 and is also a sibling to h3
- Pseudo tags (::)
- ::first-letter{}
- ::first-line{}
- ::selection{}
- ::before{}
- ::after{}
- Property content: "";

Assignment 11:**Courses for Exchange Students**

In mollis nunc sed id semper risus in hendrerit gravida.
Aliquet enim tortor at auctor urna nunc id cursus. Risus at
ultrices mi tempus imperdiet. Sapien pellentesque habitant
morbi tristique senectus et netus. Id cursus metus aliquam
eleifend mi in. Quis commodo odio aenean sed. Sollicitudin
ac orci phasellus egestas tellus. Id velit ut tortor pretium.

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We collaborate with
brands and agencies to
create memorable
experiences.



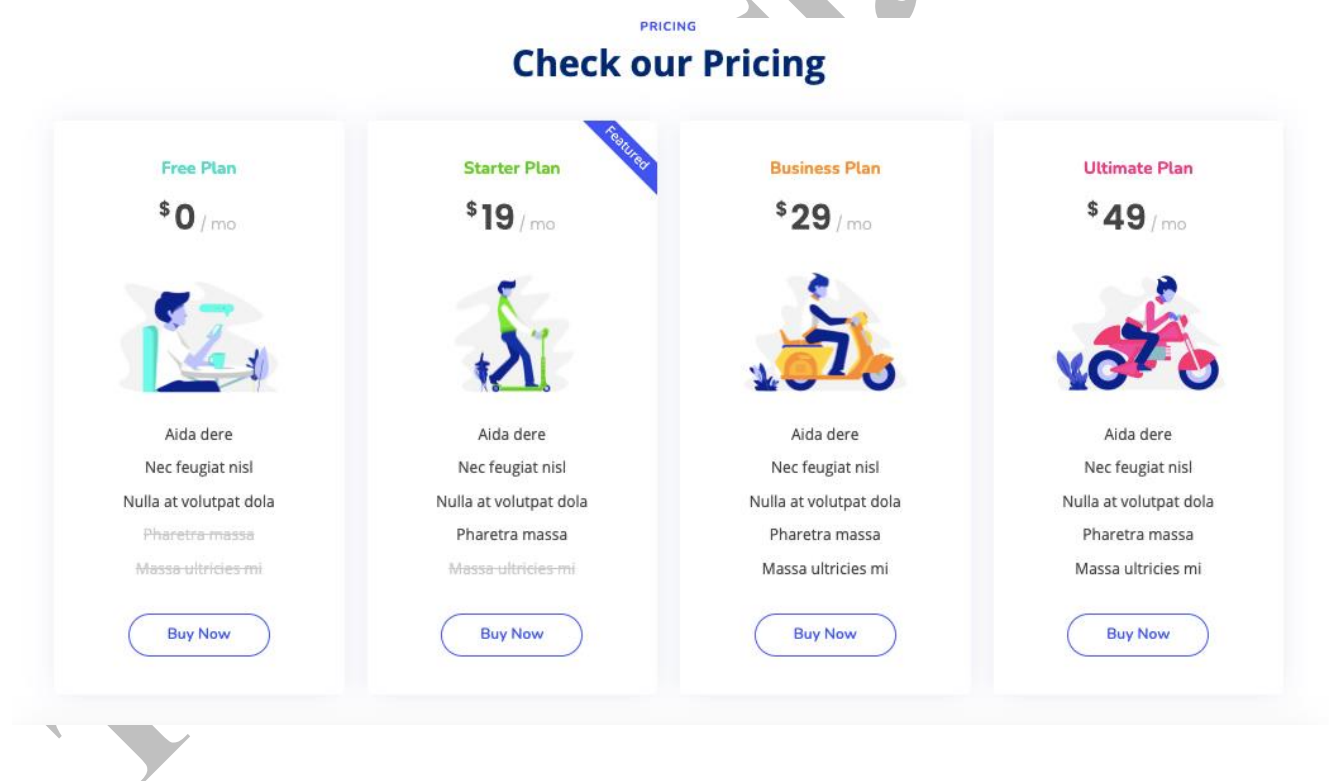
Session 12:

Lecture Duration: 2 Hrs

- Property text-shadow: left-right top-bottom blur-radius color;
- Property box-shadow: left-right top-bottom blur-radius spread-radius color;

EXERCISE: Make a pagination with changes on hover;

Assignment 12:



Session 13:

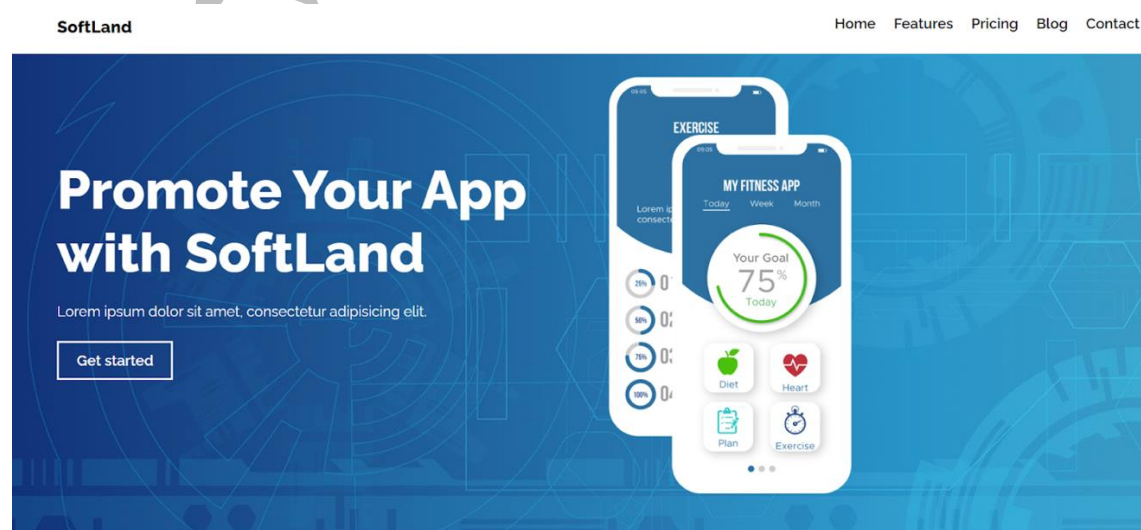
Lecture Duration: 2 Hrs

- :first-child
- :last-child
- Property box-sizing: border-box;
- Property background-color: linear-gradient(color1, color2);
- Property background-color: radial-gradient(color1, color2);
- How to make text color linear-gradient?
 1. Property background-image: linear-gradient(color1, color2);
 2. Property background-clip: text;
 3. Property -webkit-background-clip: text;
 4. Property -ms-background-clip: text;
 5. Property color: transparent;
- Property z-index: ___;

Mobile Version

- @media screen and (min-width:___px) and (max-width:___px){}

Assignment 13:



Session 14:









Lecture Duration: 2 Hrs

- Property transform: `translate(dx, dy);`
- Property transform: `translateX(dx);`
- Property transform: `translateY(dy);`
- Property transform: `scale(x, y);` (x or y is multiplied by the original width and height)
- Property transform: `scaleX(x);`
- Property transform: `scaleY(y);`
- Property transform: `skew(__deg, __deg);`
- Property transform: `skewX(__deg);`
- Property transform: `skewY(__deg);`
- Property transform: `rotate(__deg);`
- Property transform: `rotateX(__deg);`
- Property transform: `rotateY(__deg);`
- Property transition: `property duration;`
- Property transition: `property1 duration, property2 duration, property3 duration;`
- Property transition: `all duration;`

Assignment 14:

Our Products

Far far away, behind the word mountains, far from the countries Vokalia and Consonantia

<div>30%</div>  <p>BELL PEPPER</p> <p>\$120.00 \$80.00</p>	 <p>STRAWBERRY</p> <div><div></div><div></div><div></div></div> <p>\$120.00</p>	 <p>GREEN BEANS</p> <p>\$120.00</p>	 <p>PURPLE CABBAGE</p> <p>\$120.00</p>
<div>30%</div>  <p>TOMATOE</p> <p>\$120.00 \$80.00</p>	 <p>BROCOLLI</p> <p>\$120.00</p>	 <p>CARROTS</p> <p>\$120.00</p>	 <p>FRUIT JUICE</p> <p>\$120.00</p>

TryCatch

Session 15:

Lecture Duration: 2 Hrs

- Property transform-origin: top left;
- Property transform-origin: top right;
- Property transform-origin: bottom left;
- Property transform-origin: bottom right;
- Property transition-timing-function: linear; (same speed from start to end)
- Property transition -timing-function: ease-in; (slow start then fast)
- Property transition -timing-function: ease-out; (fast start then slow)
- Property transition -timing-function: ease-in-out; (slow start then fast then slow end)
- Property animation
- Property animation-name: animationName;
- @keyframes animationName{
 from{} to{}
}
- Property animation-duration
- Property animation-iteration-count: ____;
- Property animation-iteration-count: infinite;
- Property animation-delay: ____s;
- Property animation-direction: reverse;
- Property animation-direction: alternate;
- Property animation-direction: alternate-reverse;
- @keyframes animationName{
 0%{}
 25%{}
 50%{}
 75%{}
}

```
100%{}  
}
```

- Property filter: blur(__px);
- Property filter: brightness(x); (x is in multiples);
- Property filter: contrast(__%);
- Property filter: grayscale(__%);
- Property filter: drop-shadow(top-bottom-value left-right-value);
- Property filter: contrast () grayscale();

Assignment 15:

Make responsive website.

<https://startbootstrap.com/previews/freelancer>