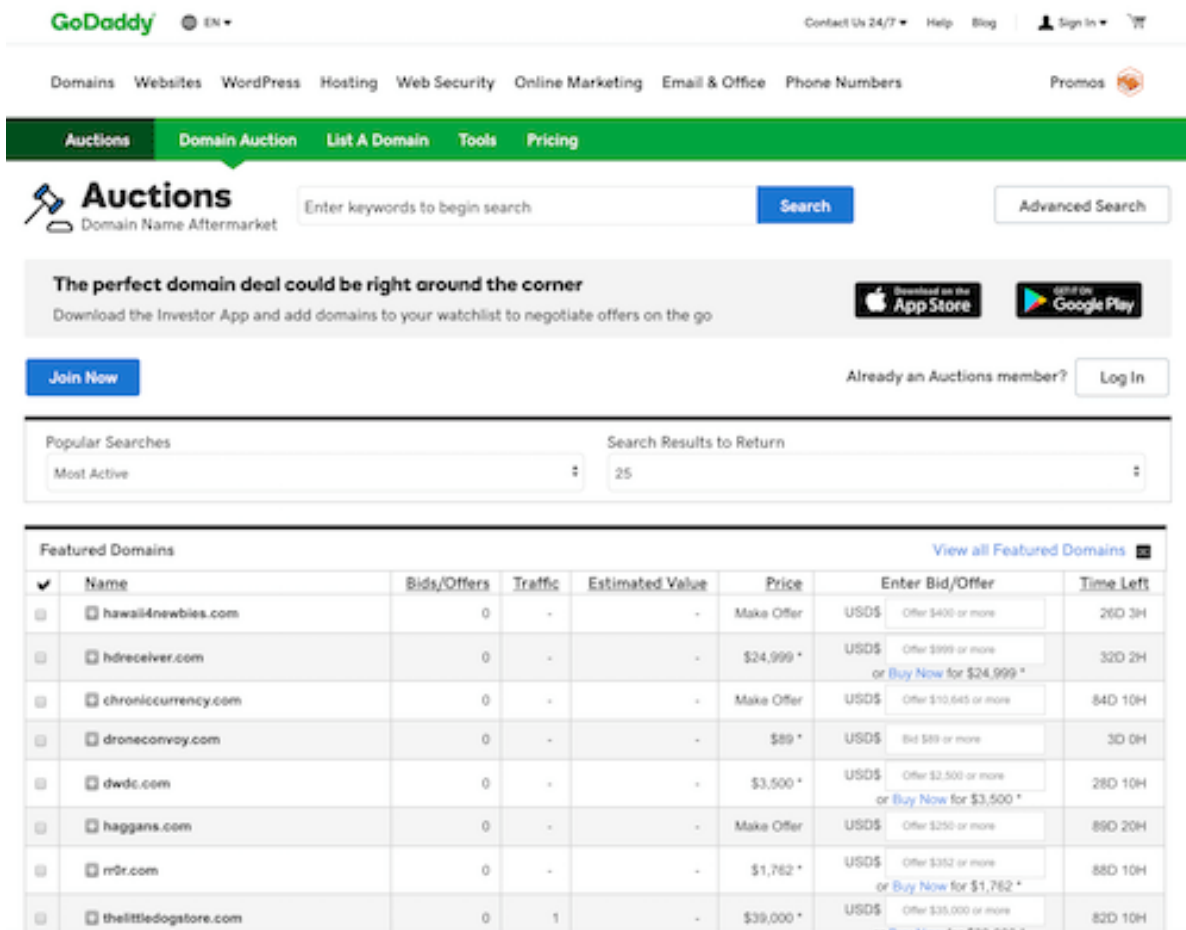


Front end Development

Module 1 - Foundation

1) How to purchase domain ?

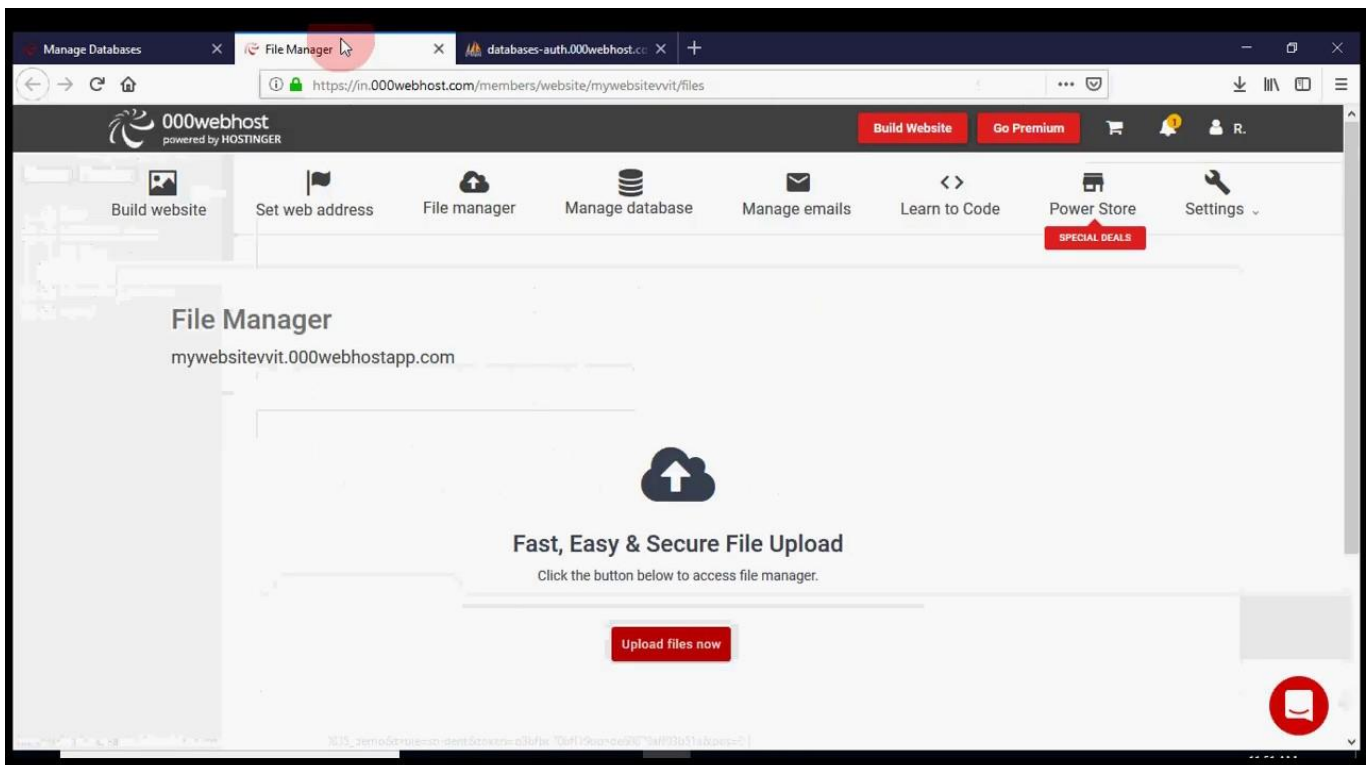
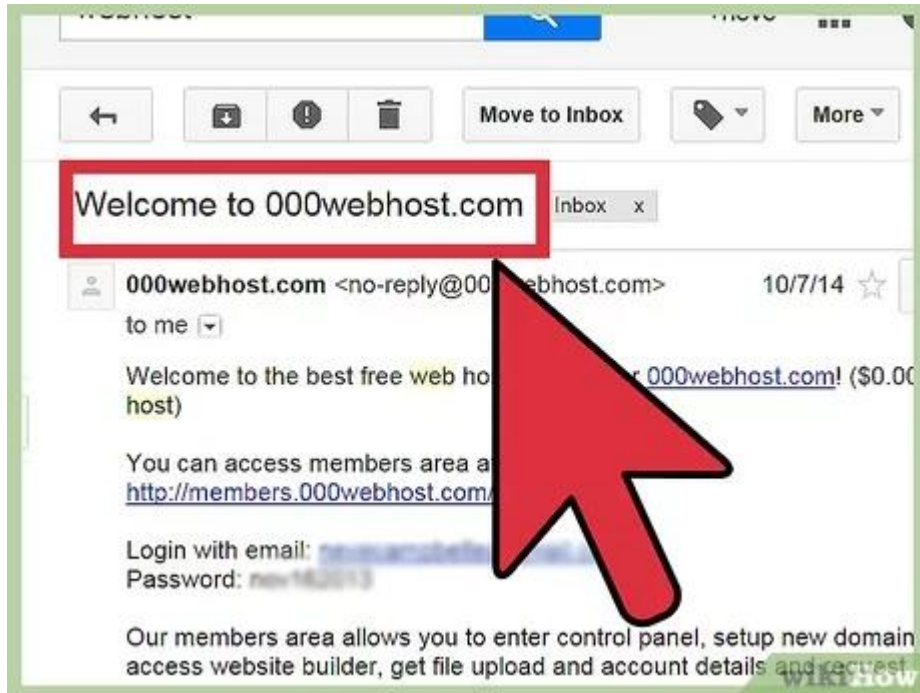


The screenshot shows the GoDaddy Auctions interface. At the top, there's a navigation bar with 'Auctions', 'Domain Auction', 'List A Domain', 'Tools', and 'Pricing'. Below this is a search bar with the text 'Enter keywords to begin search' and a 'Search' button. A banner below the search bar promotes the 'Investor App' with 'Download on the App Store' and 'GET IT ON Google Play' buttons. There are also 'Join Now' and 'Log In' buttons. Below the banner, there are dropdown menus for 'Popular Searches' (set to 'Most Active') and 'Search Results to Return' (set to '25'). The main section is titled 'Featured Domains' and contains a table of domain listings.

✓	Name	Bids/Offers	Traffic	Estimated Value	Price	Enter Bid/Offer	Time Left
<input type="checkbox"/>	hawaii4newbies.com	0	-	-	Make Offer	USD\$ Offer \$400 or more	26D 3H
<input type="checkbox"/>	hdreceiver.com	0	-	-	\$24,999 *	USD\$ Offer \$999 or more or Buy Now for \$24,999 *	32D 2H
<input type="checkbox"/>	chronocurrency.com	0	-	-	Make Offer	USD\$ Offer \$10,645 or more	84D 10H
<input type="checkbox"/>	droneconvoy.com	0	-	-	\$89 *	USD\$ Bid \$89 or more	3D 0H
<input type="checkbox"/>	dwdc.com	0	-	-	\$3,500 *	USD\$ Offer \$2,500 or more or Buy Now for \$3,500 *	28D 10H
<input type="checkbox"/>	haggans.com	0	-	-	Make Offer	USD\$ Offer \$250 or more	89D 20H
<input type="checkbox"/>	r9r.com	0	-	-	\$1,782 *	USD\$ Offer \$352 or more or Buy Now for \$1,782 *	88D 10H
<input type="checkbox"/>	thelittledogstore.com	0	1	-	\$39,000 *	USD\$ Offer \$35,000 or more or Buy Now for \$39,000 *	82D 10H

Module 2) Fundamentals of World Wide Web 3

2) Upload one page on server using Free server hosting [000webhost.com]



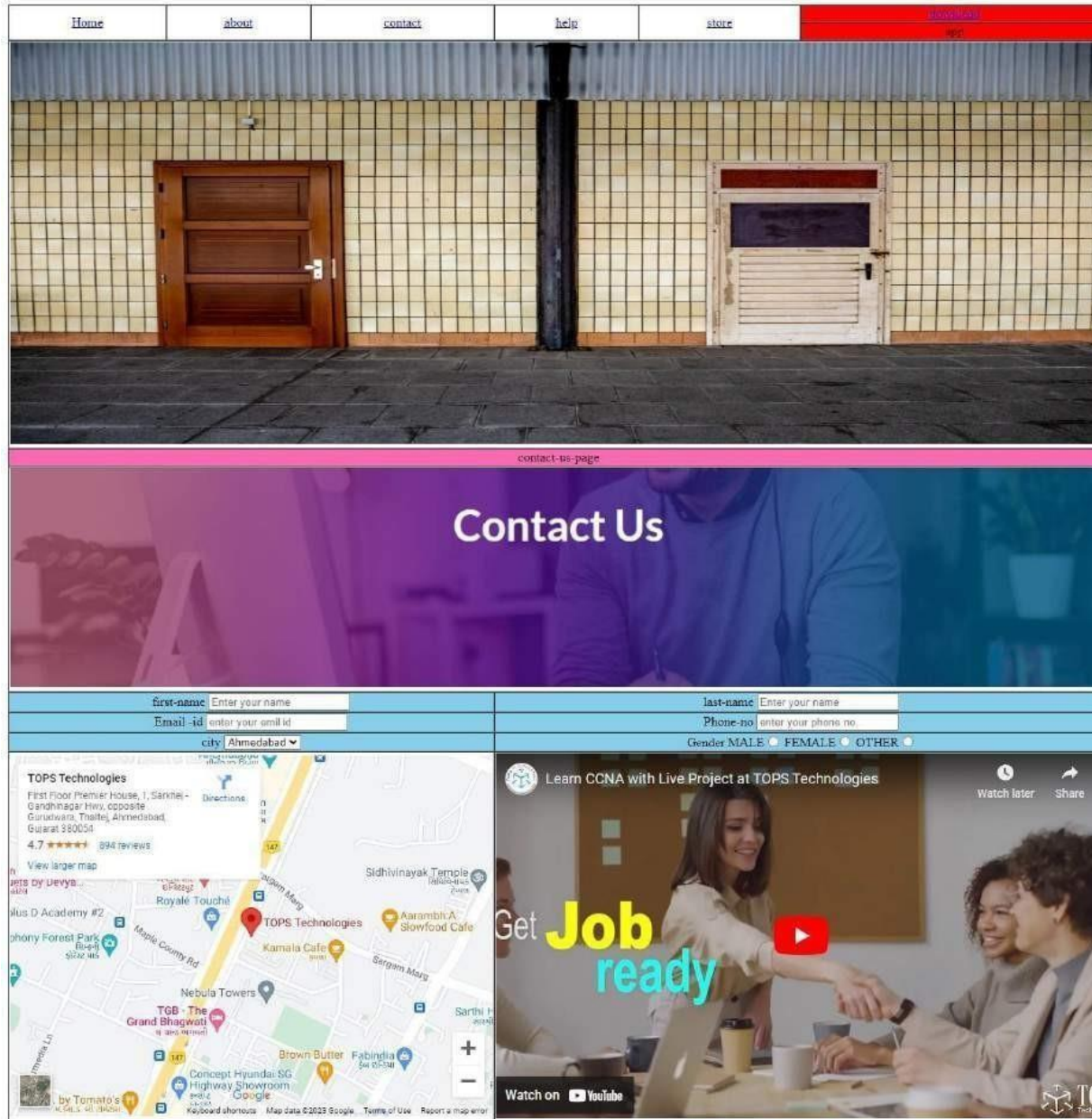
Module 1) Fundamentals of IT 3

3)SDLC of student management system

4) Upload your code in Github using command.

Module (HTML) -1

- Create below example using HTML .



- Create employee registration webpage using HTML form objects



Employee Registration Form

Mr. Mrs. Ms.

First Name

Last Name

Mail Address1

Mail Address2

City

State

Zip

Upload Photo No file selected.

E-Mail

Mobile

Languages known Gujarati
 Hindi
 English
 Marathi

Additional Information

- Create webpage using list tags of HTML

Learning Web Development

- I. Background Skills
 - A. Unix Commands
 - B. Vim Text Editor
- II. HTML
 - A. Minimal Page
 - B. Headings
 - C. Tags
 - D. Lists
 - i. Unordered
 - ii. Ordered
 - iii. Definition
 - iv. Nested
 - E. Links
 - i. Absolute
 - ii. Relative
 - F. Images
- III. CSS
 - A. Anatomy
 - B. Basic Selectors
 - i. Element
 - ii. Class
 - iii. ID
 - iv. Group
 - C. The DOM
 - D. Advanced Selectors
 - E. Box Model
- IV. Programming
 - A. Python
 - B. JavaScript
- V. Database
 - A. Flat File
 - B. Relational

- create this using nested table



Device	Brand	Specifications	
Smartphone	Apple	Model	Storage
		iPhone 12 Pro	256GB
		iPhone SE	128GB
Laptop	HP	15.6" Display	
Tablet	Samsung	10.5" Display	

- create layout using html table

Invoice #9876543210		15 September 2020	
Pay to: Acme Billing Co. 123 Main St. Cityville, NA 12345		Customer: John Smith 321 Willow Way Southeast Northwestershire, MA 54321	
Name / Description	Qty.	@	Cost
Paperclips	2000	0.02	20.00
Staples (box)	200	2.00	200.00
Subtotal			220.00
Tax	9%		19.80
Grand Total			239.80

create form using table

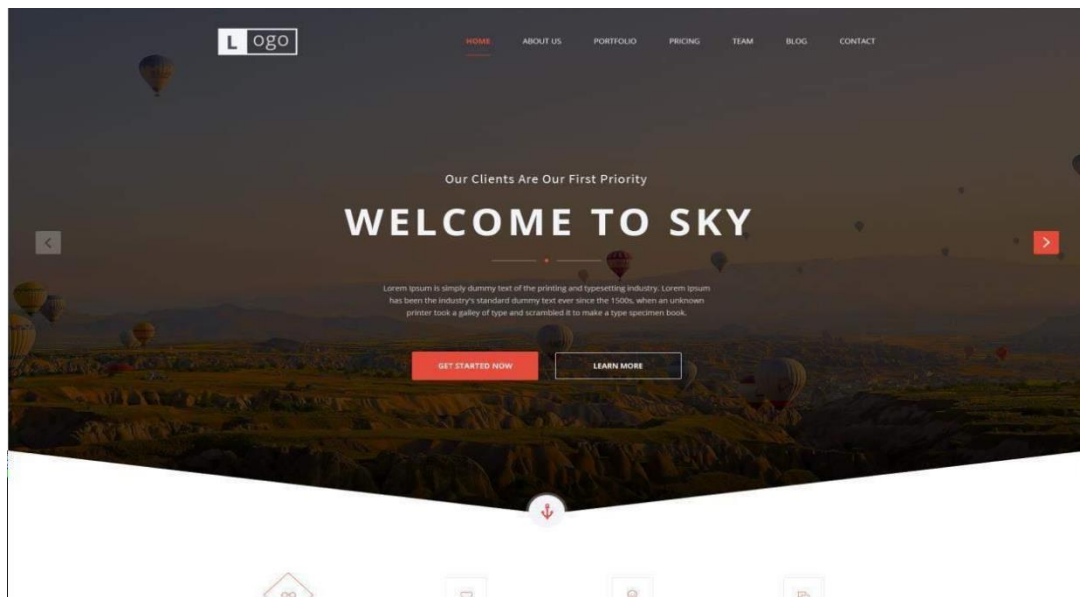
Registration		
Personal Details		
Full Name <input type="text" value="Enter your name"/>	Father Name <input type="text" value="Enter father name"/>	Mother Name <input type="text" value="Enter mother name"/>
Date of Birth <input type="text" value="Enter your DOB"/>	Full Name <input type="text" value="Enter aadhar number"/>	Email <input type="text" value="Enter your email"/>
Mobile Number <input type="text" value="Enter mobile number"/>	Gender <input type="text" value="Enter your gender"/>	Address <input type="text" value="Enter your Address"/>
<hr/>		
Other Details		
Stream <input type="text" value="Enter your stream"/>	Previous Class <input type="text" value="Enter previous class"/>	Hobbies <input type="text" value="Enter your hobbies"/>
Account Number <input type="text" value="Enter account number"/>	Religion <input type="text" value="Enter your religion"/>	Category <input type="text" value="Enter your category"/>
<input type="submit" value="Submit"/>		

Module 2) CSS and CSS 3

- Create image gallery using display grid with responsive

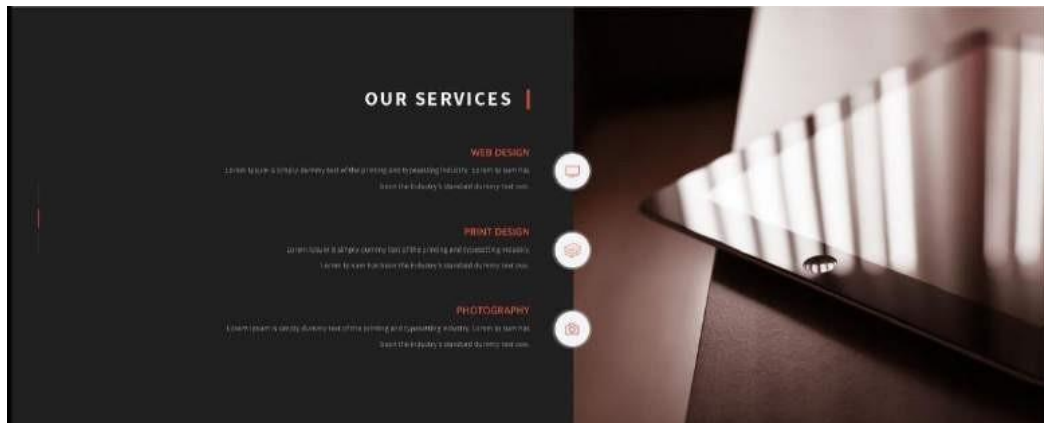


- Create below example with the help of clip path





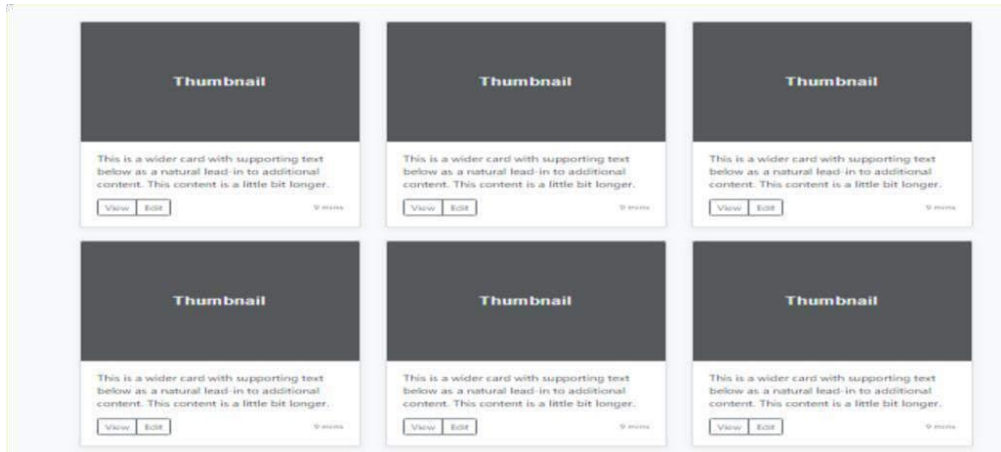
- Multiple background one side bg-color other side contain image as bg



- Create below example using css waves generator (<https://getwaves.io/>)



- Create Layouts
-



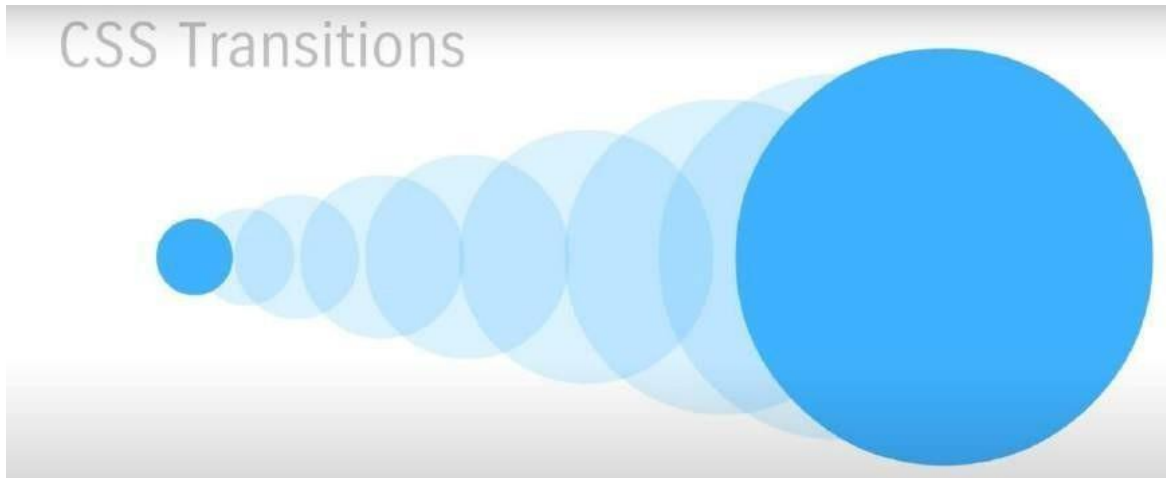
layout using html and css include media query



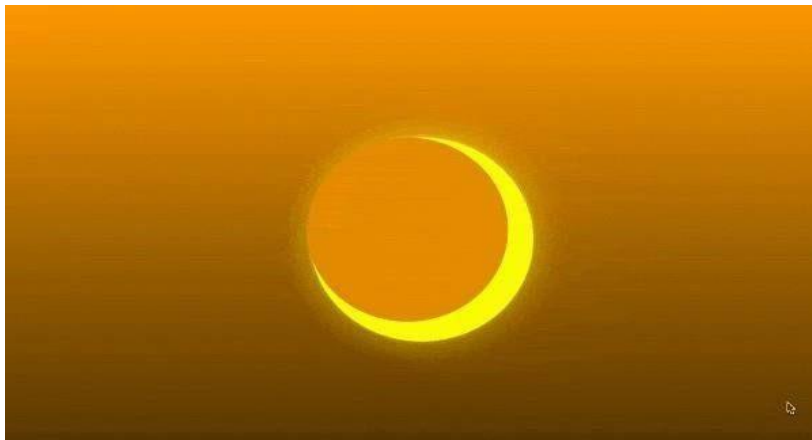
create this using flex



- create this using transitions



- create this using css



- Create below example responsive media query (use given link figma file)
[https://www.figma.com/file/THg3uvkrmtFxl49fZyeqki/Web_Mobile-%E2%80%94-](https://www.figma.com/file/THg3uvkrmtFxl49fZyeqki/Web_Mobile-%E2%80%94-Template-Website-(Community)?type=design&node-id=263%3A387&t=5kSwj12CLI7djPgw-1)

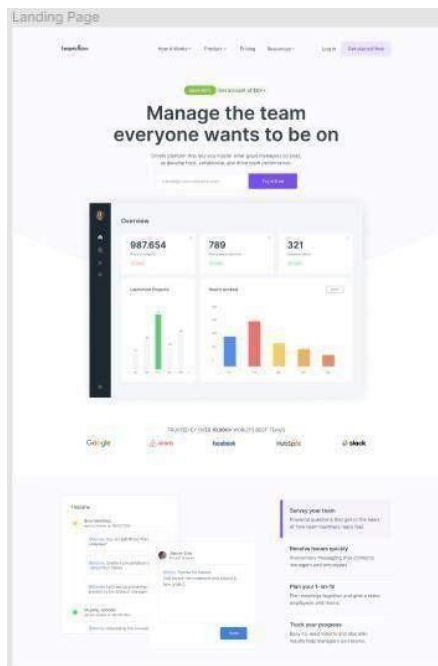
Template-Website-

(Community)?type=design&node-

id=263%3A387&t=5kSwj12CLI7djPgw-1

Desktop -web

Mobile

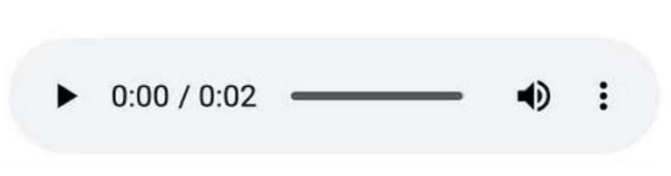


Module - Website Designing - HTML5

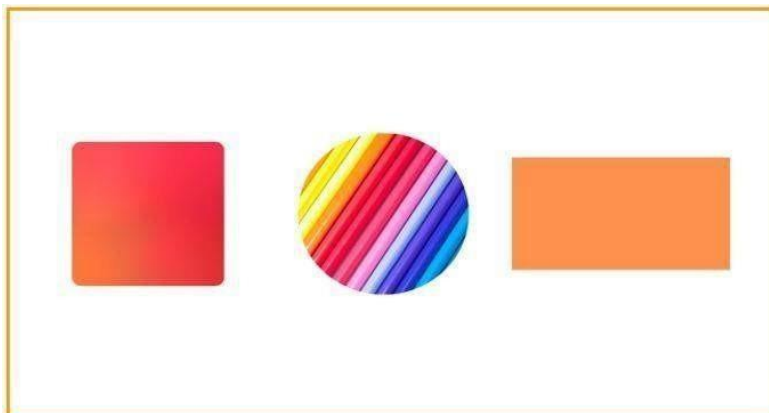
- create this using video tag



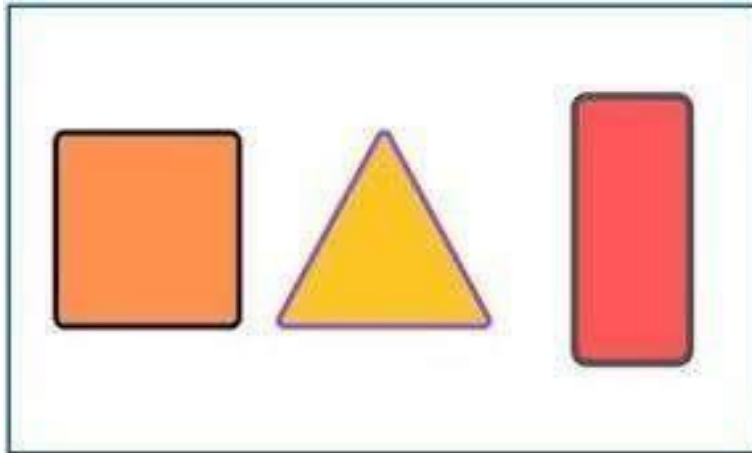
- create some audio file like this in html 5



- create some shape using canvas tag in html

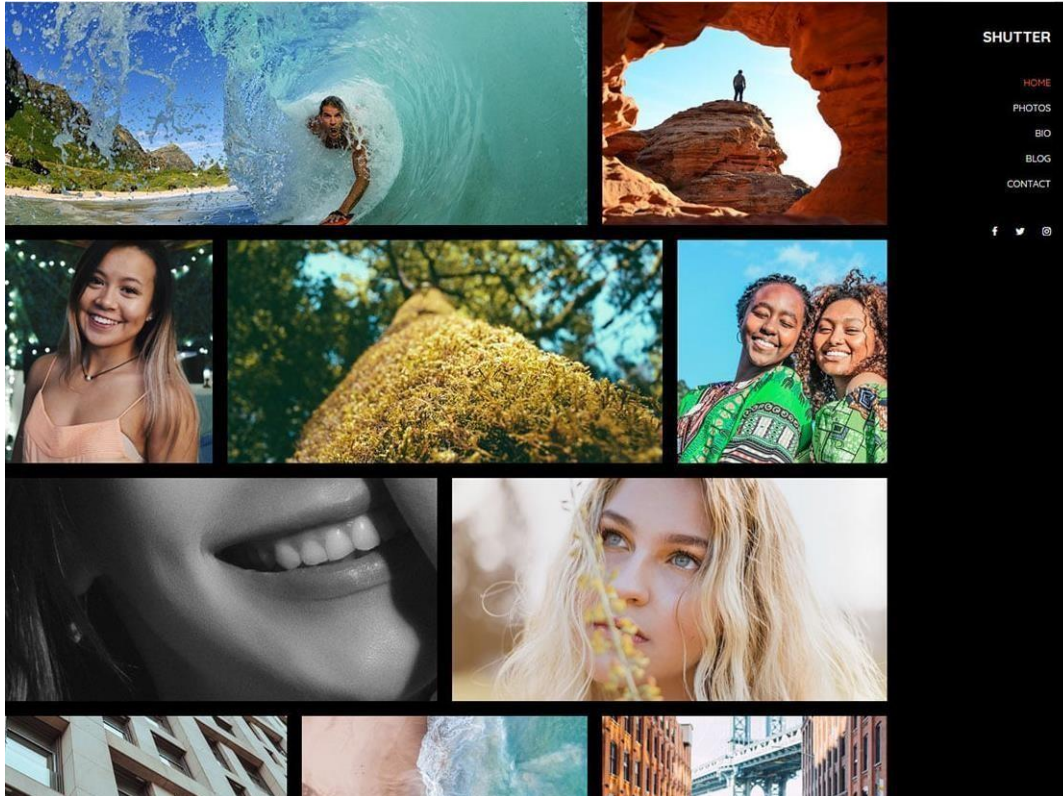


- create some shape using svg tag in html



Module - Wd-Advance CSS (CSS Preprocessors)

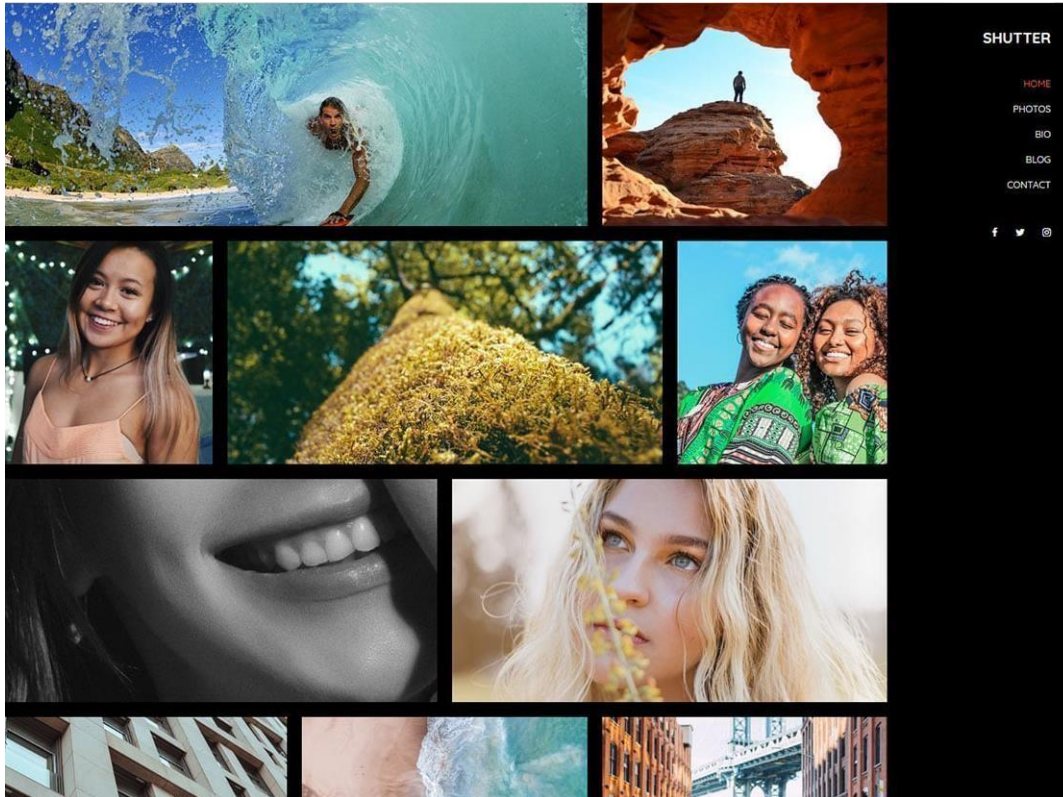
- Make this layout using SCSS variables and mixins : -



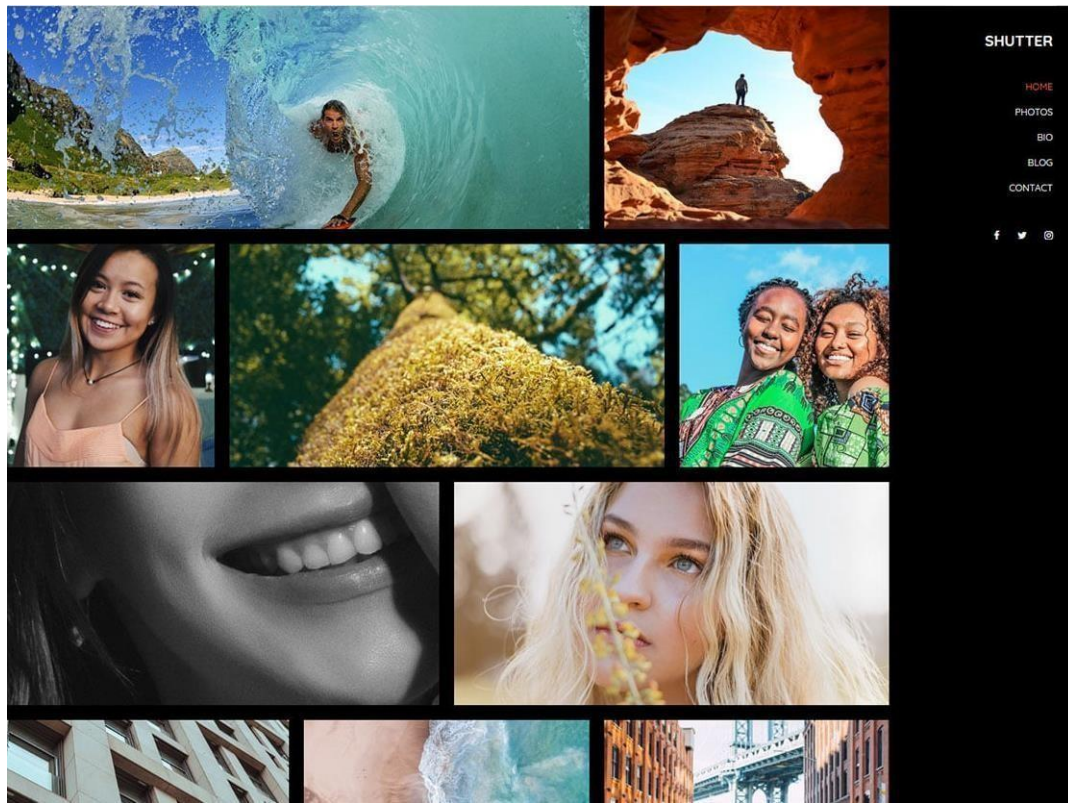
- Create mixin for a flexbox
- Create this layout using extend

<p>First article</p> <p>Tacos actually microdosing, pour-over semiotics banjo chicharrones retro fanny pack portland everyday carry vinyl typewriter. Tacos PBR&B pork belly, everyday carry ennui pickled sriracha normcore hashtag polaroid single-origin coffee cold-pressed. PBR&B tattooed trust fund twee, leggings salvia iPhone photo booth health goth gastropub hammock.</p>	<p>Second article</p> <p>Tacos actually microdosing, pour-over semiotics banjo chicharrones retro fanny pack portland everyday carry vinyl typewriter. Tacos PBR&B pork belly, everyday carry ennui pickled sriracha normcore hashtag polaroid single-origin coffee cold-pressed. PBR&B tattooed trust fund twee, leggings salvia iPhone photo booth health goth gastropub hammock.</p>	<p>Smile Laugh Wink Shrug</p> <p>Blush</p> <p>Tacos actually microdosing, pour-over semiotics banjo chicharrones retro fanny pack portland everyday carry vinyl typewriter. Tacos PBR&B pork belly, everyday carry ennui pickled sriracha normcore hashtag polaroid single-origin coffee cold-pressed. PBR&B tattooed trust fund twee, leggings salvia iPhone photo booth health goth gastropub hammock.</p> <p>Cray food truck brunch, XOXO +1 keffiyeh pickled chambray waistcoat ennui. Organic small batch paleo 8-bit. Intelligentsia umami wayfarers pickled, asymmetrical kombucha letterpress kitsch leggings cold-pressed squid chartreuse put a bird on it. Llisticle pickled man bun cornhole heirloom art party.</p>
---	--	--

- Make this layout using **LESS** variables and mixins : -

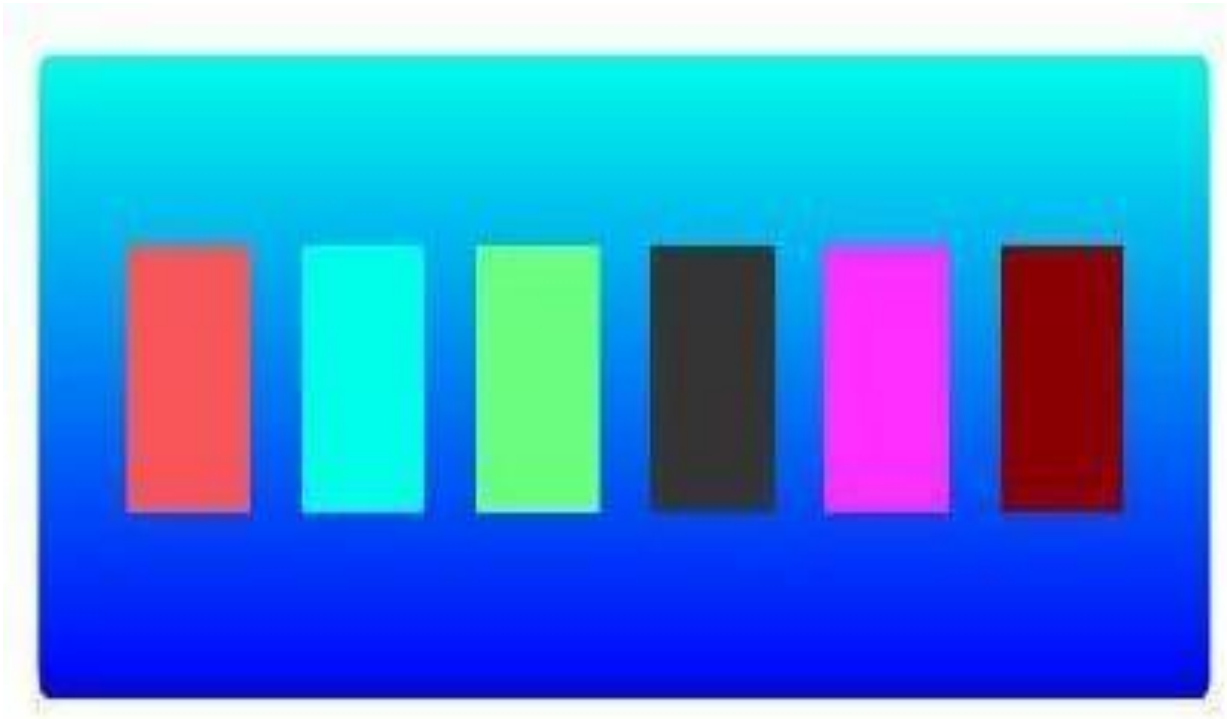


- Make this layout using **SCSS** variables and mixins :-



WD - JQuery Basic, Effects & Advanced

- How to create slider with animation?
 - Change Background-color using JQuery



□

Create this using JQuery



- Create this using JQuery



- Create Fade out using JQuery



WD - JavaScript Essentials & Advanced

- Q.1 Using console.log() print out the following statement: The quote 'There is no exercise better for the heart than reaching down and lifting people up.' by John Holmes teaches us to help one another. Using console.log() print out the following quote by Mother Teresa:
- Q.2 Check if typeof '10' is exactly equal to 10. If not make it exactly equal?
- Q.3 Write a JavaScript Program to find the area of a triangle?
- Q.4 Write a JavaScript program to calculate days left until next Christmas?
- Q.5 What is Condition Statement?
- Q.6 Find circumference of Rectangle formula : $C = 4 * a$?
- Q.7 WAP to convert years into days and days into years?
- Q.8 Convert temperature Fahrenheit to Celsius? (Conditional logic Question)
- Q.9 Write a JavaScript exercise to get the extension of a filename.?
- Q.10 What is the result of the expression $(5 > 3 \ \&\& \ 2 < 4)$?
- Q.11 What is the result of the expression $(\text{true} \ \&\& \ 1 \ \&\& \ \text{"hello"})$?
- Q.12 What is the result of the expression $\text{true} \ \&\& \ \text{false} \ || \ \text{false} \ \&\& \ \text{true}$?
- Q.13 Check Number Is Positive or Negative in JavaScript?
- Q.14 Find the Character Is Vowel or Not ?
- Q.15 Write to check whether a number is negative, positive or zero?
- Q.16 Write to find number is even or odd using ternary operator in JS?
- Q.17 Write find maximum number among 3 numbers using ternary operator in JS?
- Q.18 Write to find minimum number among 3 numbers using ternary operator in JS?
- Q.19 Write to find the largest of three numbers in JS?
- Q.20 Write to show
- Monday to Sunday using switch case in JS?
 - Vowel or Consonant using switch case in JS?

(Conditional looping logic Question)

Q.21 What are the looping structures in JavaScript? Any one Example?

Q.22 Write a print 972 to 897 using for loop in JS?

Q.23 Write to print factorial of given number?

Q.24 Write to print Fibonacci series up to given numbers?

Q.25 Write to print number in reverse order e.g.: number = 64728 ---> reverse =82746 in JS?

Q.26 Write a program make a summation of given number (E.g., 1523 Ans: - 11) in JS?

Q.27 Write a program you have to make a summation of first and last Digit. (E.g., 1234 Ans: - 5) in JS?

Q.28 Use console.log() and escape characters to print the following pattern in JS?

```
1 1 1 1 1
2 1 2 4 8
3 1 3 9 27
4 1 4 16 64
5 1 5 25 125
```

Q.29 Use pattern in console.log in JS?

```
1) 1
   1 0
   1 0 1
   1 0 1 0
   1 0 1 0 1
```

```
2) A
   B C D
   E F
   G H I J
   K L M N O
```

```
3) 1
   2 3
   4 5 6
   7 8 9 10
   11 12 13 14 15
```

4) *
* *
* * *
* * * *
* * * * *

Q.30 Accept 3 numbers from user using while loop and check each numbers palindrome

Q.31 Write a JavaScript Program to display the current day and time in the following format. Sample Output: Today is Friday. Current Time is 12 PM: 12 : 22 2 ?

Q.32 Write a JavaScript program to get the current date?

Q.33 Write a JavaScript program to compare two objects?

Q.34 Write a JavaScript program to convert an array of objects into CSV string?

Q.35 Write a JavaScript program to capitalize first letter of a string?

Q. 45 Write a JavaScript program to determine if a variable is array?

Q.46 Write a JavaScript program to clone an array?

Q.47 What is the drawback of declaring methods directly in JavaScript objects?

Q.48 Print the length of the string on the browser console using console.log()?

Q.49 Change all the string characters to capital letters using toUpperCase() method?

Q.50 What is the drawback of declaring methods directly in JavaScript objects?

Q.51 Write a JavaScript program to get the current date. Expected Output : mm-dd-yyyy, mm/dd/yyyy or dd-mm-yyyy, dd/mm/yyyy?

Q.52 Use indexOf to determine the position of the first occurrence of a in 30 Days Of JavaScript?

Q.53 Use lastIndexOf to determine the position of the last occurrence of a in 30 Days Of JavaScript?

Q.54 Form Validtion in JS?

Q.55 Form in Email, number, Password, Validation?

Q.56 Dynamic Form Validation in JS?

Q.57 how many type of JS Event? How to use it ?

Q.60 What is Bom vs Dom in JS?

Q.61 Array vs object defences in JS?

Q.62 Split the string into an array using split() Method?

Q.63 Check if the string contains a word Script using includes() method?

Q.64 Change all the string characters to lowercase letters using toLowerCase() Method.

Q.65 What is Character at index 15 in '30 Days of JavaScript' string? Use charAt() method.

Q.66 copy to one string to another string in JS?

- Create basic math operation in JS

Maths Operations

Enter 1st number :

Enter 2nd number :

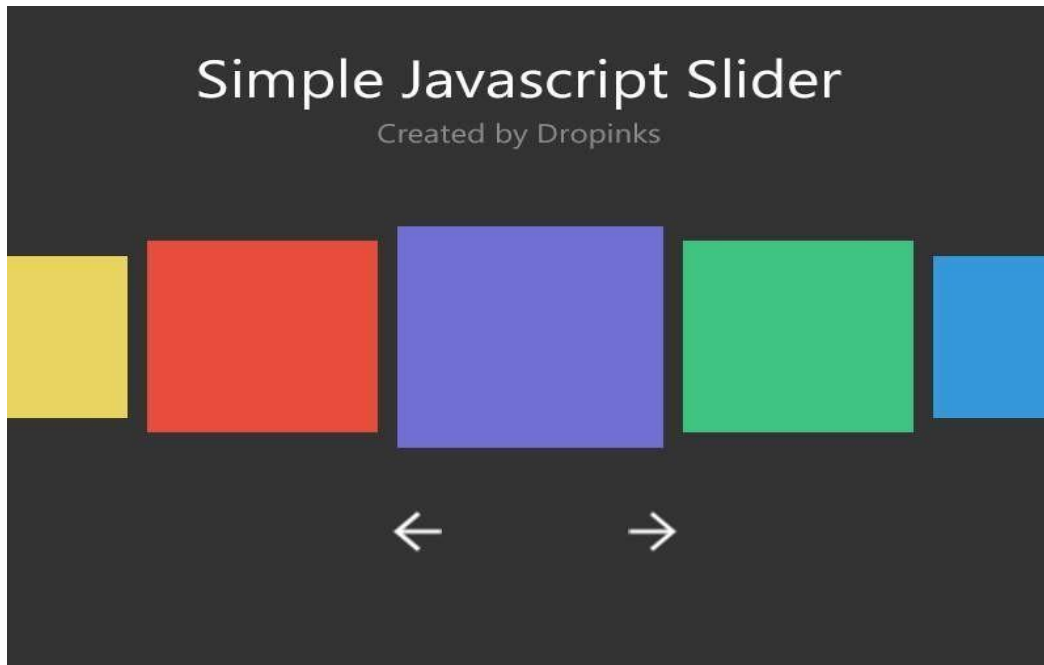
+	-	*
/	%	

Answer is : 55

- Create result

Marksheet for Information Technology	
Enter Marks	
1. C Language	<input type="text" value="34"/>
2. C++ Language	<input type="text" value="44"/>
3. Database	<input type="text" value="22"/>
4. HTML	<input type="text" value="33"/>
5. CSS	<input type="text" value="45"/>
6. php	<input type="text" value="44"/>
7. Core java	<input type="text" value="50"/>
<input type="button" value="Result"/>	
Total is : 272 / 350	Percentage is : 78 %

- Create a slider using JavaScript



- Change background using java script



- Create a hide show password functionalities.



- Create a form and apply validations as shown in below example.

Sign Up

Username:

Username must be between 3 and 25 characters.

Email:

Password:

Password must has at least 8 characters that include at least 1 lowercase character, 1 uppercase characters, 1 number, and 1 special character in (!@#\$%^&*)

Confirm Password:

Please enter the password again

- Create basic math operation in JS

Maths Operations

Enter 1st number :

Enter 2nd number :

+-*

/%

Answer is : 55

- Create result

Marksheet for Information Technology

Enter Marks



1. C Language	<input style="width: 90%;" type="text" value="34"/>
2. C++ Language	<input style="width: 90%;" type="text" value="44"/>
3. Database	<input style="width: 90%;" type="text" value="22"/>
4. HTML	<input style="width: 90%;" type="text" value="33"/>
5. CSS	<input style="width: 90%;" type="text" value="45"/>
6. php	<input style="width: 90%;" type="text" value="44"/>
7. Core java	<input style="width: 90%;" type="text" value="50"/>

Result

Total is : 272 / 350Percentage is : 78 %

Advance JavaScript

- Calculate subtotal price of quantity show in below image

Product Info	Quantity	Price (per unit)	Price (subtotal)	
 Fortunata Window Hardware - Decorative Holdbacks - Mocha	<input type="text" value="2"/>	\$29.99	\$59.98	<input type="button" value="Remove"/>
 Woven Trellis Window Hardware - Clip Rings - Bronze	<input type="text" value="1"/>	\$12.99	\$12.99	<input type="button" value="Remove"/>
			\$72.97	

- Create below form and do apply validation show in below image

Form Validation JavaScript

Form Validation

Full Name

Email Address

Password

Enter your password

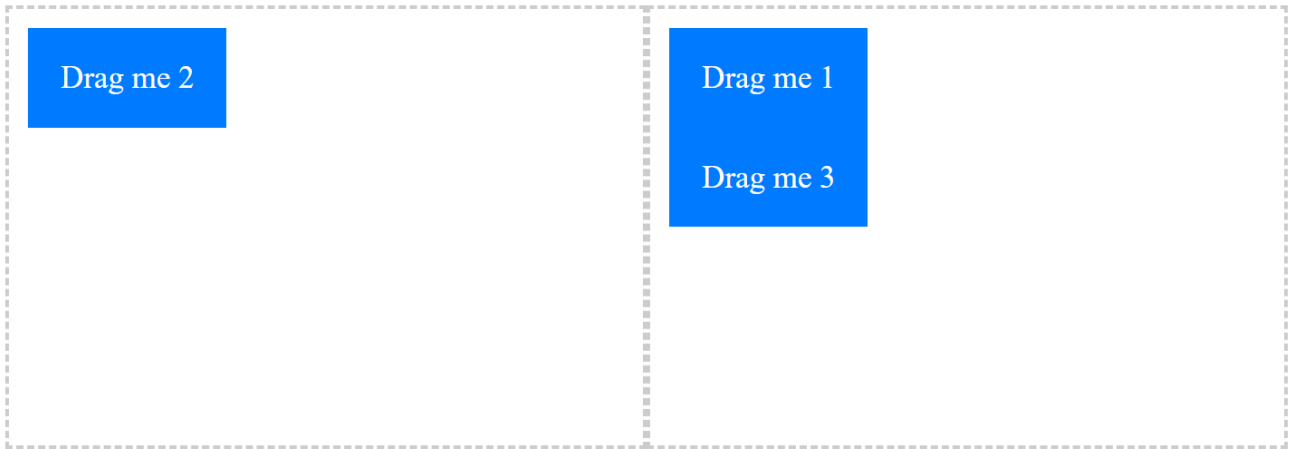
Birth Date

Select your date of birth

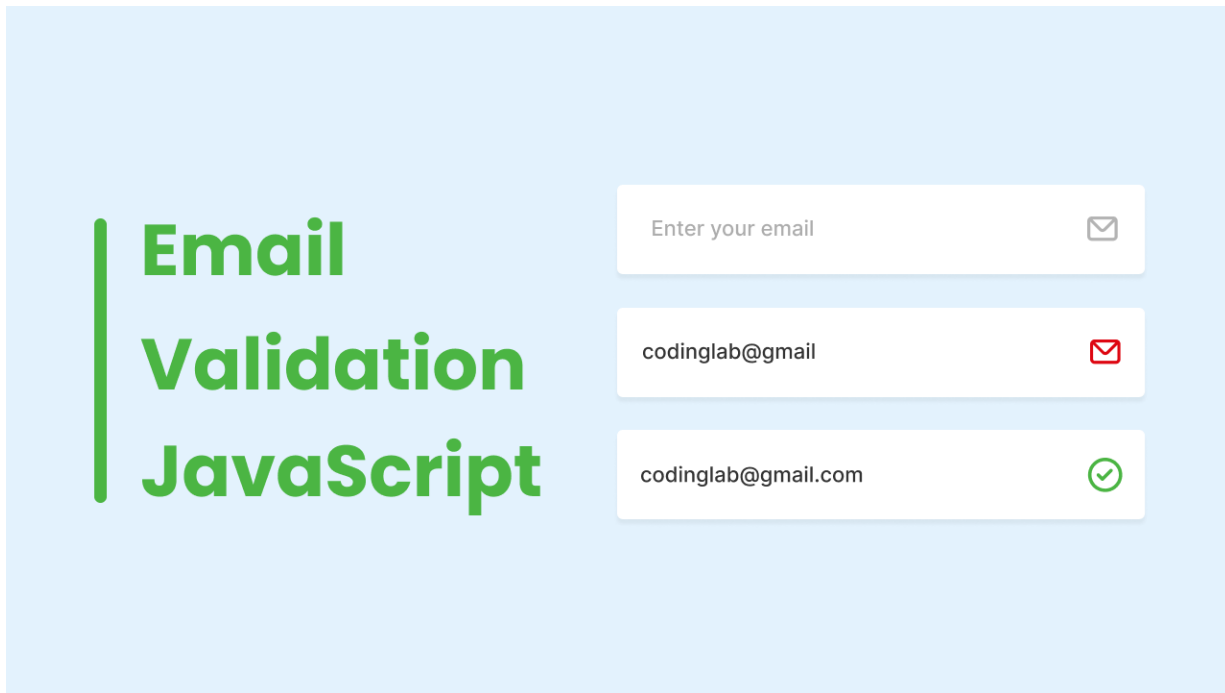
Gender

Select your gender

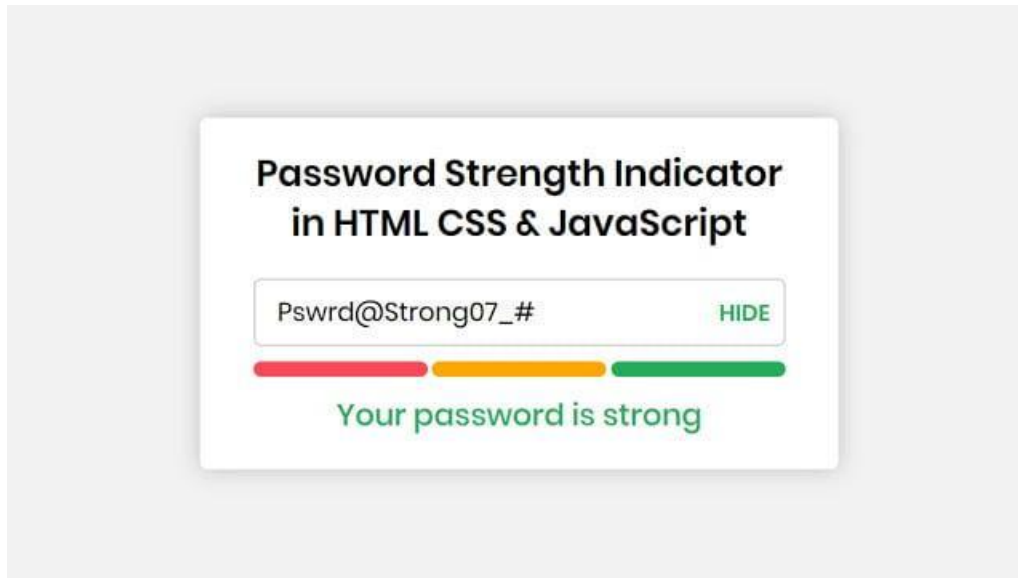
- Create two containers and drag from one to another show in below image



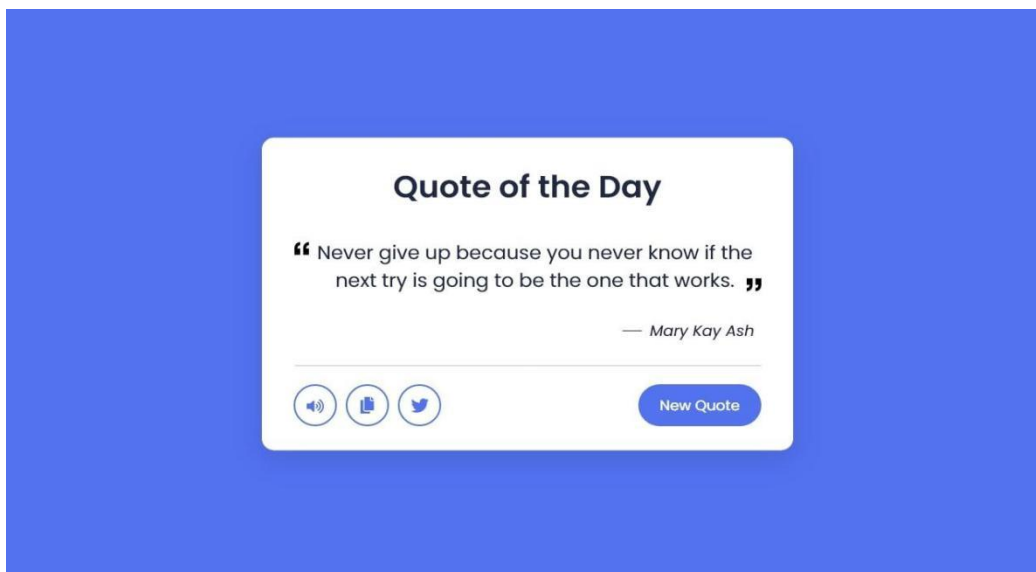
- Create Email validation program show in below image



- Create Password Strength checker show in below image



- Create program to generate Random quote show in below image

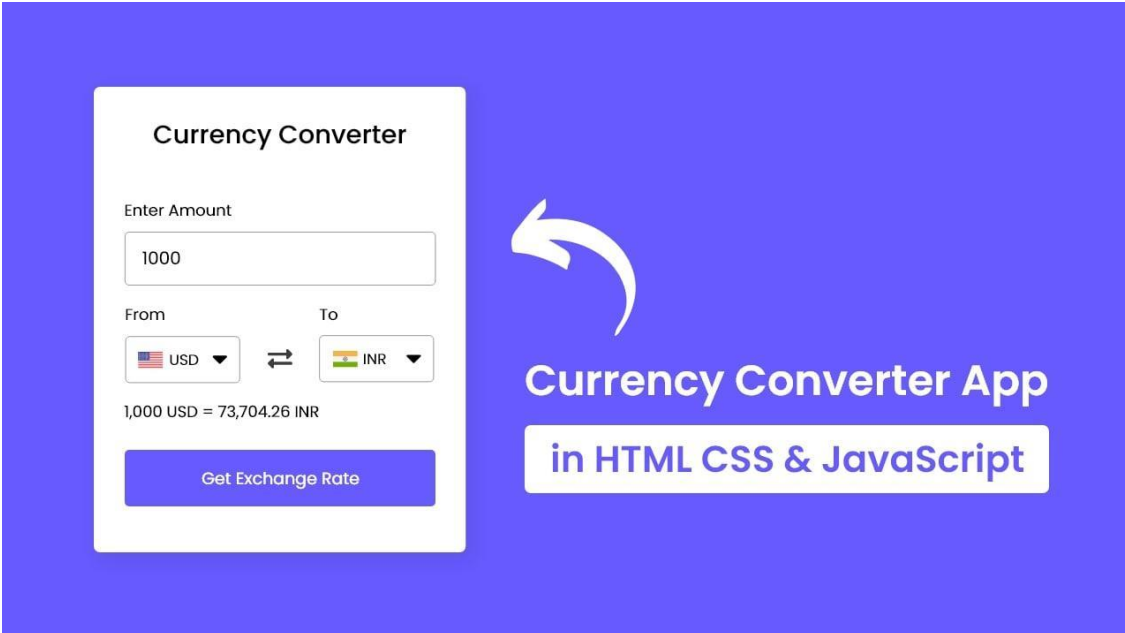


- Create program to Export html table to excel show in below image

Name	Age	Country
Alice	30	USA
Bob	25	UK
Charlie	35	Canada

[Export to Excel](#)

- Create Currency converter show in below image



The image shows a screenshot of a web-based currency converter application. The interface is titled "Currency Converter" and features a white background with a blue border. It includes a text input field for "Enter Amount" with the value "1000". Below this, there are two dropdown menus for "From" (USD) and "To" (INR), separated by a double-headed arrow. The conversion result is displayed as "1,000 USD = 73,704.26 INR". A blue button labeled "Get Exchange Rate" is positioned at the bottom of the form. To the right of the form, a white arrow points to the text "Currency Converter App in HTML CSS & JavaScript" on a blue background.

- Delay function result using debouncing
-

hi|

You typed: hi

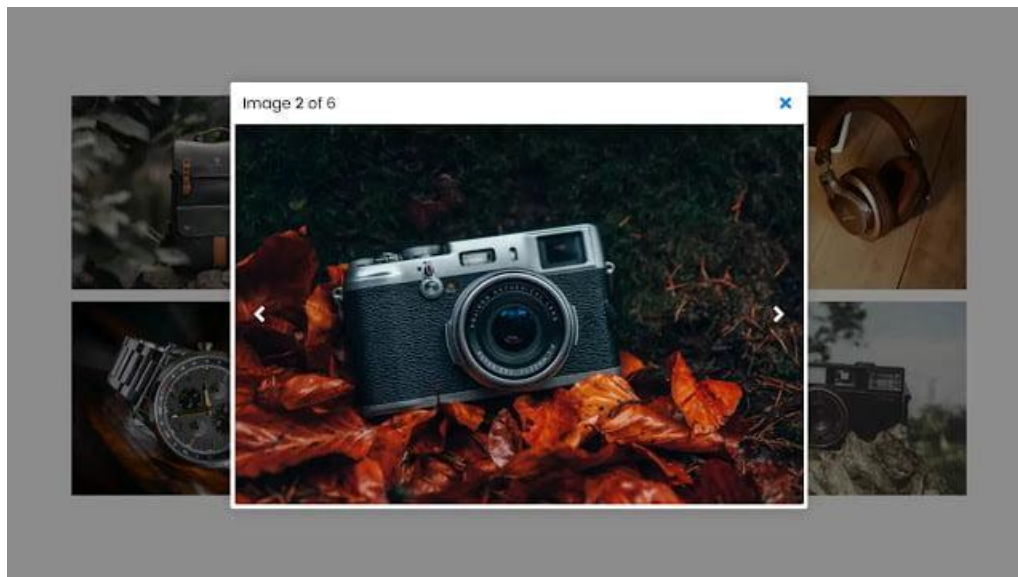
- Achieve Throttling using below example (on mouse over display mouse coordinates.)

Mouse coordinates: 324, 17

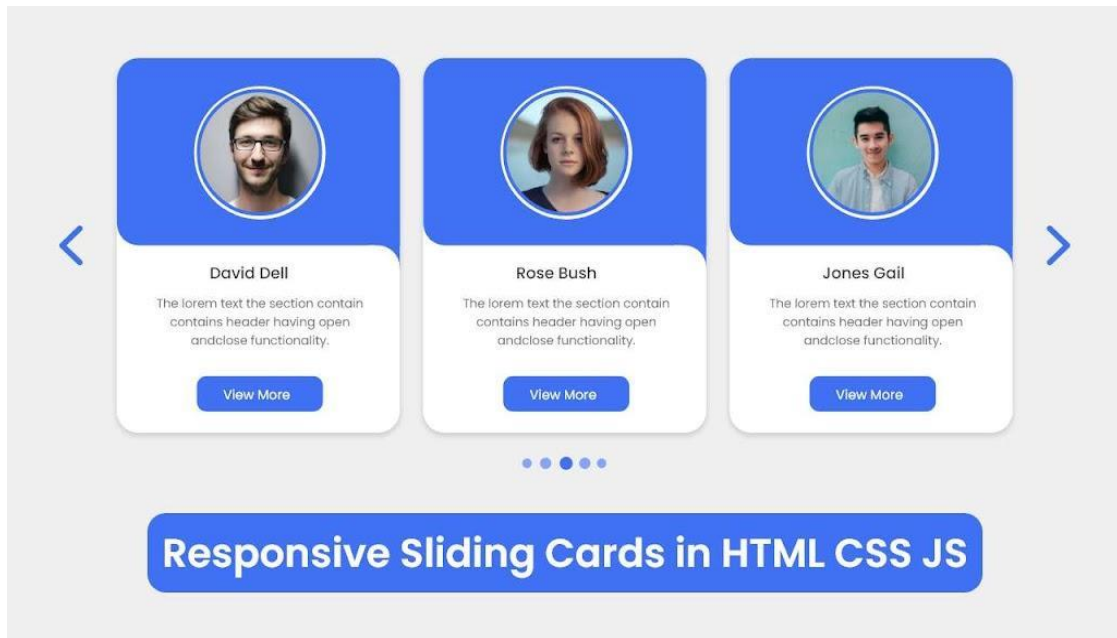
- Create Simple Alarm Clock show in below image



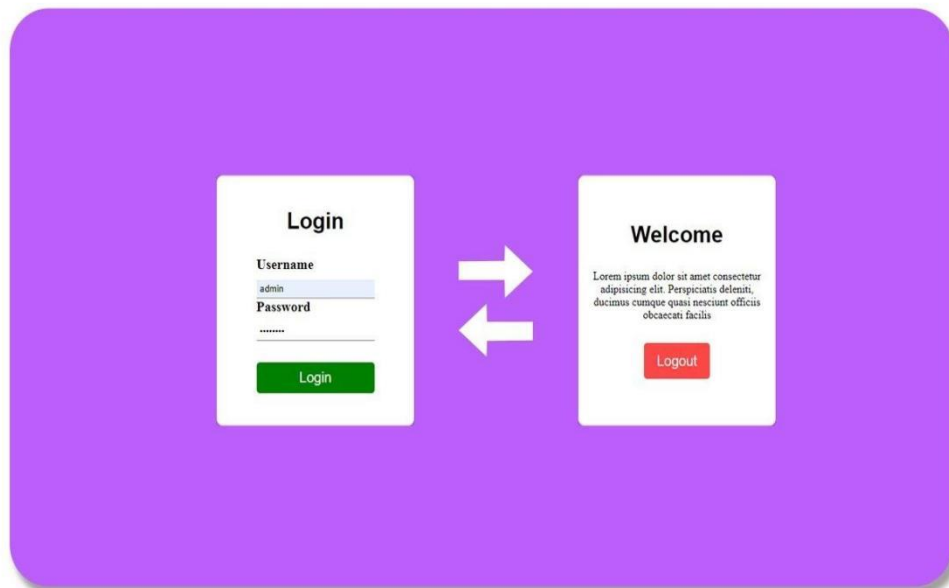
- Create Responsive Light box Gallery shown in below image



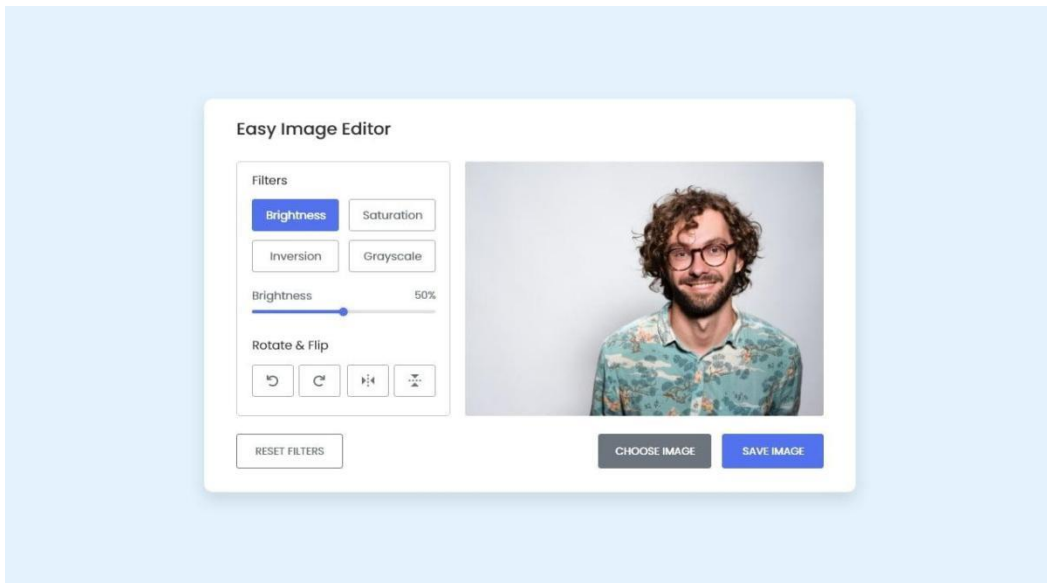
- Create review Card slider shown in below image



- Create Login Logout system shown below



- Create Image Editor shown below and apply filters like brightness,contrast etc.



- Perform Localstorage CRUD as below

CRUD with LocalStorage

Items:

Apple

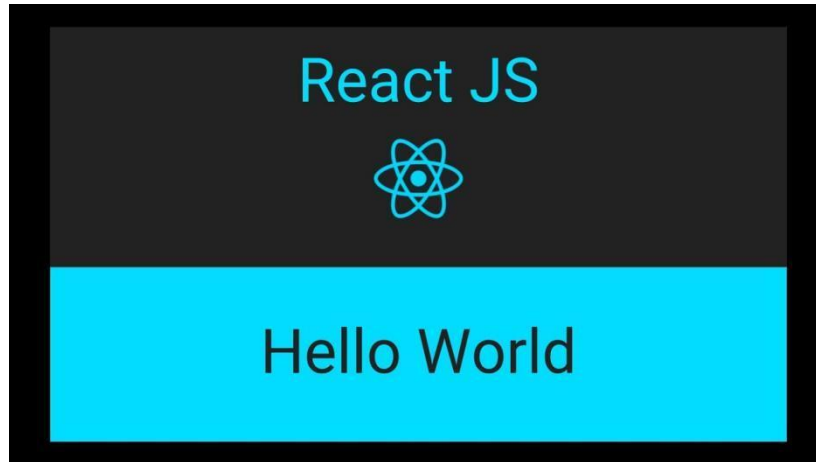
milk

banana

bread

Module – ReactJs

- Create Hello World React program show below

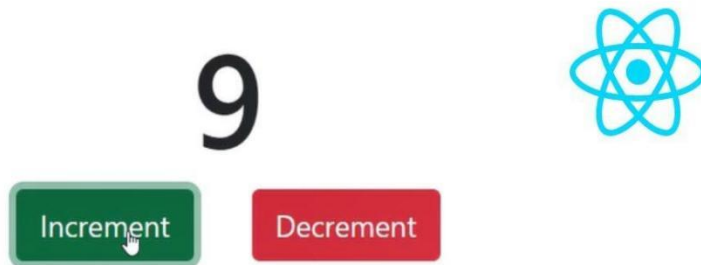


Module – Lists , Hooks , Localstorage

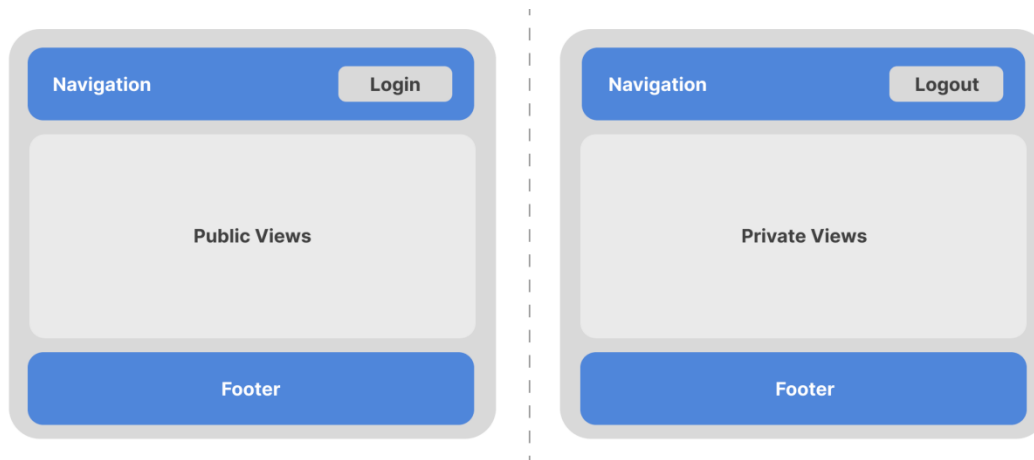
, Api Project

- Create counter app program shown below

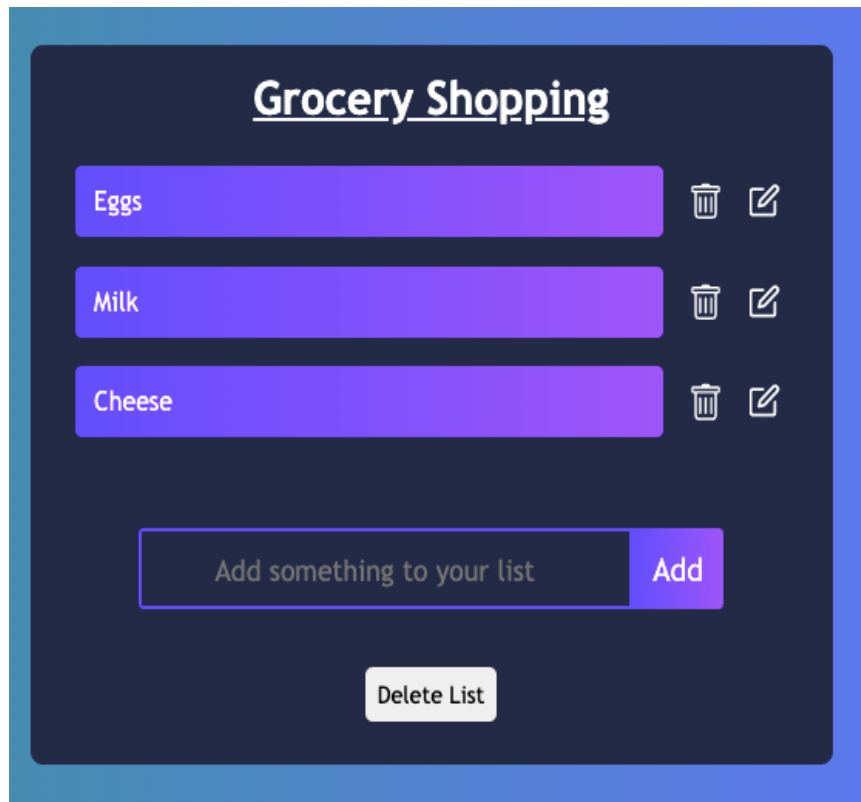
Counter App



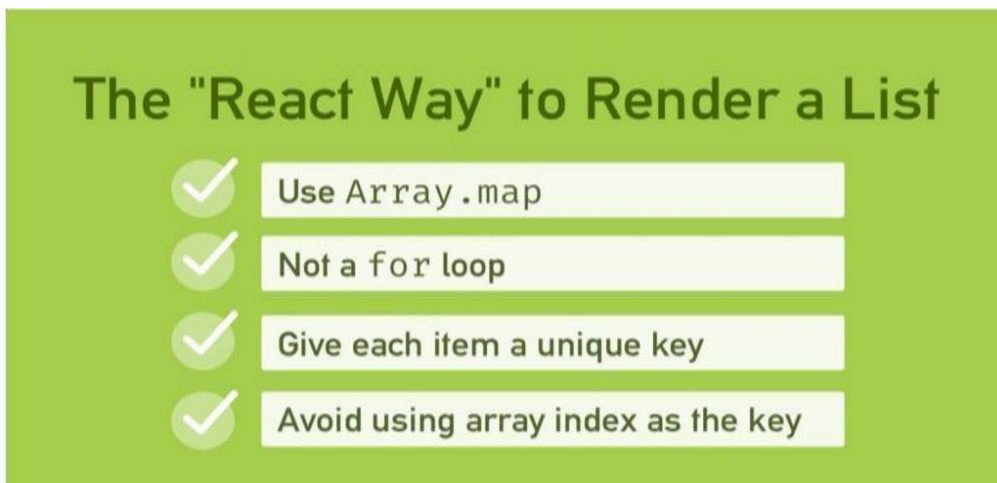
- Create Login Lout React program as below



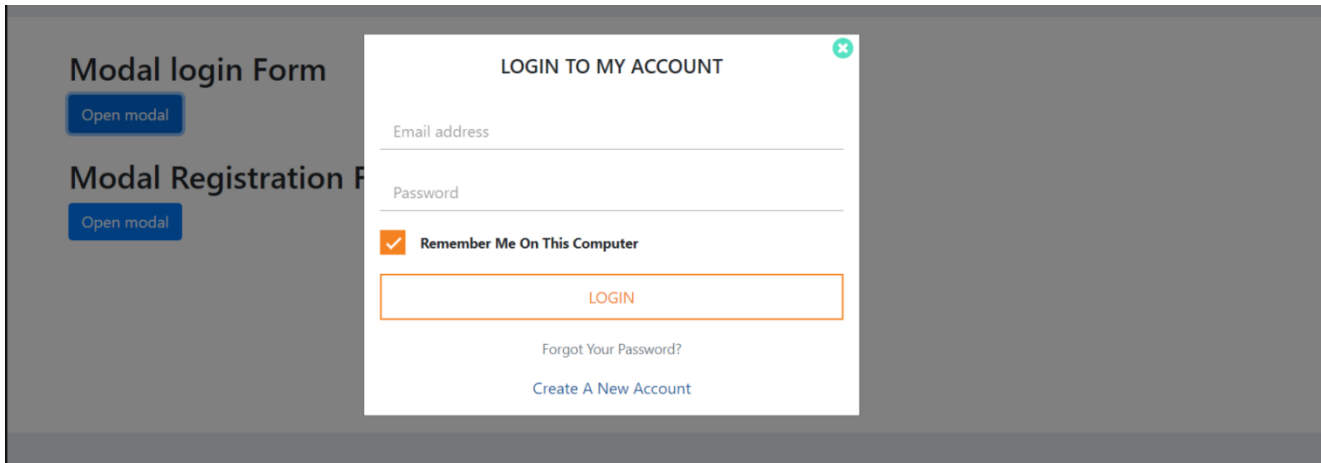
- Create TODO app show in image below



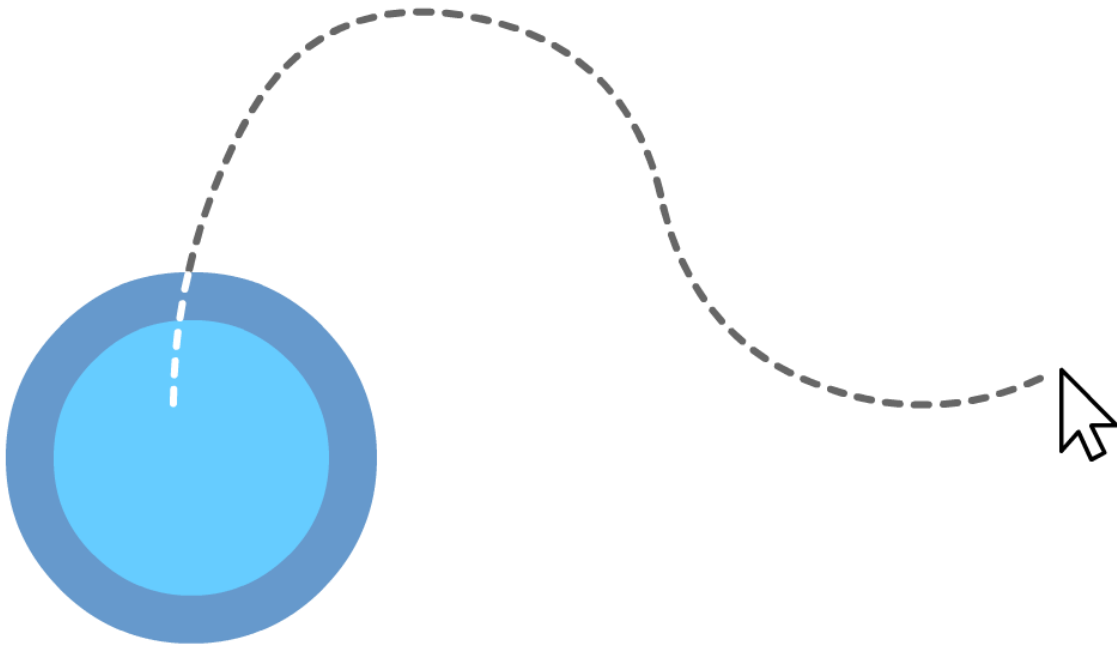
- How to Create a List View in React Js?



- Create modal for Login and Registration show in below image.

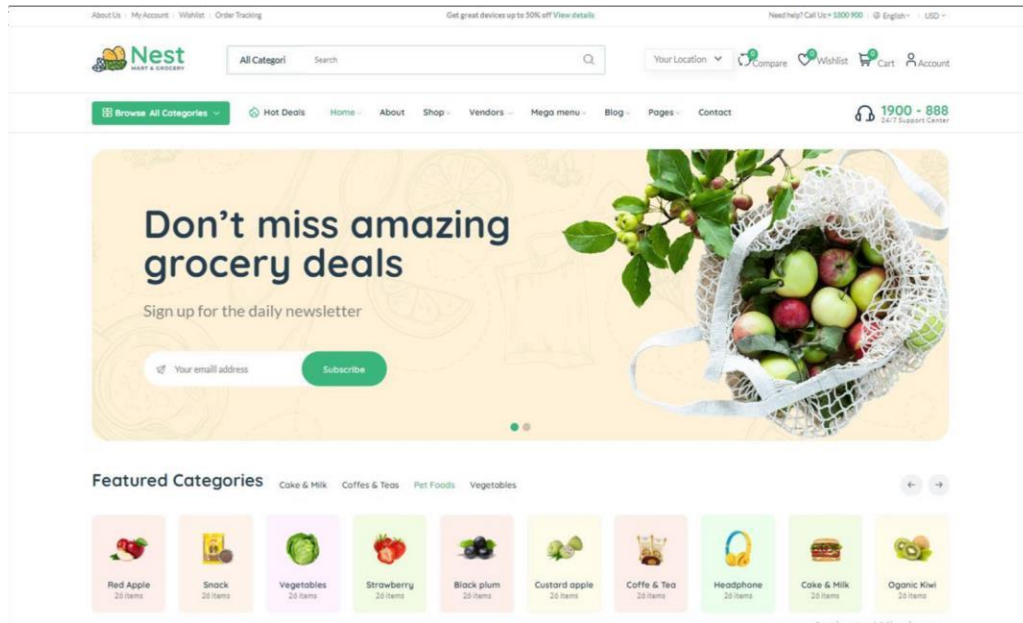


- Move an element on mouse move using useState OR useEffect Hook

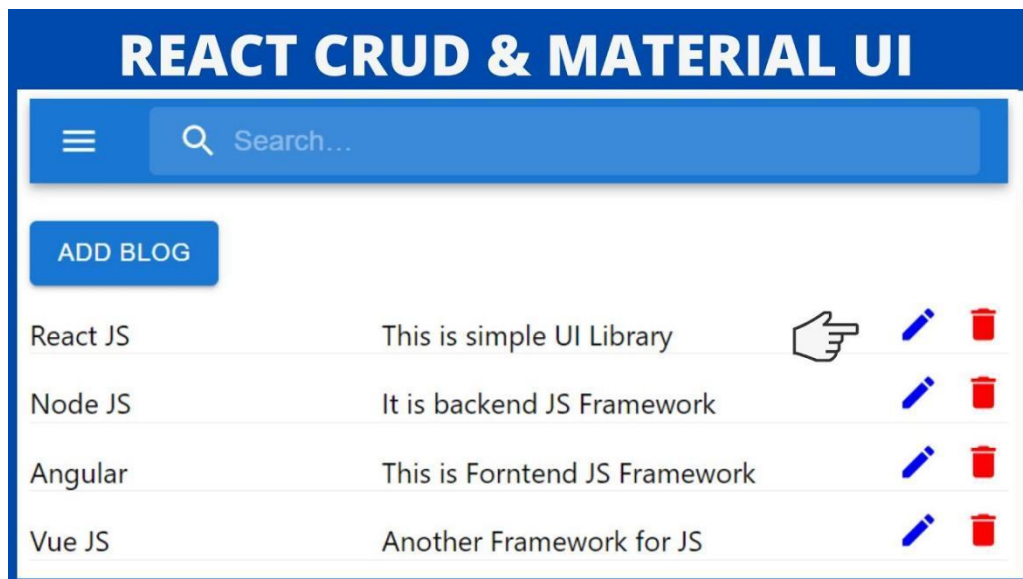


Module-React -Advance React- Styling , Routing

- Create Shopping site home page with Styled- component



- Peform crud using Fake API and Material UI React Router



Module React – JSON-server and Firebase Real Time Database

- Create React app with modules and lazy loading (Admin-user module with child router and outlet)
- Perform Crud operation using json-server,axios,router

React Crud Operation

{JSON Server}

API
AXIOS

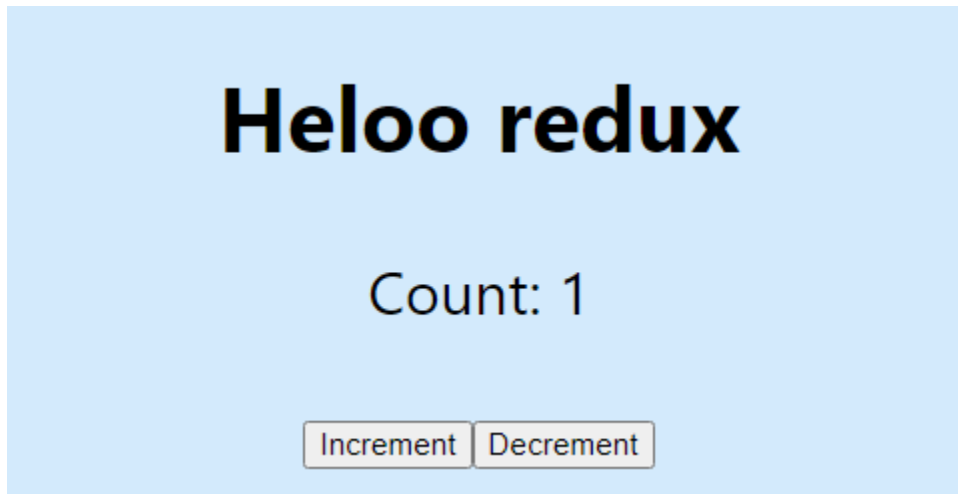
Router

User First Name	User Last Name	User Email	Actions
beta	alpha	beta@knf.com	<button>Update</button> <button>Delete</button> <button>View</button>
alpha	gama	alpha@knf.com	<button>Update</button> <button>Delete</button> <button>View</button>
tera	tera	tera@gmail.com	<button>Update</button> <button>Delete</button> <button>View</button>

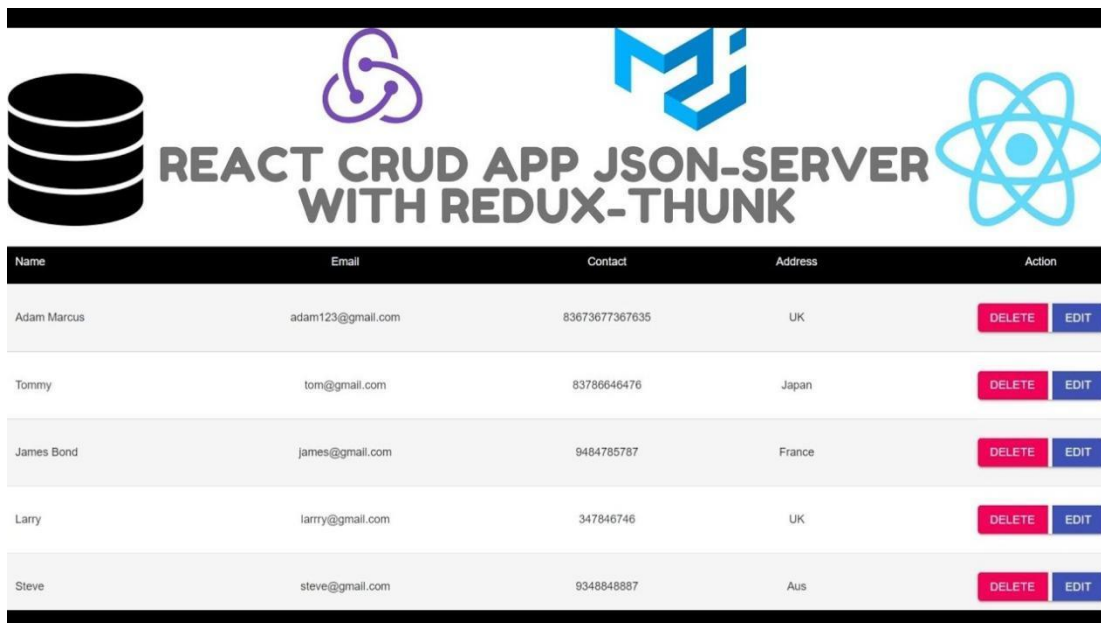
Add User

Module- React - Applying Redux

- Create app for Redux counter as shown below?



- Create CRUD using Redux-thunk, Json-server, axios, router



- Create a Single page application as show below.
- Create this portfolio page with at least three pages those all pages shold be opened without refreshing the page also apply dark light there on toggle button

