









Module-1

Introduction(HTML5,CSS3&JAVASCRIPT)

Task-1

B1	What is HTML5?
B2	What is HTML5 structure Based Tag?
B3	What is HTML5 Content Based Tag ?
B4	What is CSS3?
B5	What is Transition and Transform in CSS3 ?
B6	What is 2D transform in CSS3 ?
B7	What is JavaScript ?
B8	What is JavaScript Boxes?
B9	What is JavaScript Events ?
B10	What is JavaScript Output method ?
I1	How to use JavaScript Output method ?
I2	How to use JavaScript Events to Do all examples ?



I3	Calculate subtotal price of quantity in JavaScript ? <div><table><thead><tr><th>Product Info</th><th>Quantity</th><th>Price (per unit)</th><th>Price (subtotal)</th><th></th></tr></thead><tbody><tr><td> Fortunata Window Hardware - Decorative Holdbacks - Mocha</td><td><input type="text" value="2"/></td><td>\$29.99</td><td>\$59.98</td><td>Remove</td></tr><tr><td> Woven Trellis Window Hardware - Clip Rings - Bronze</td><td><input type="text" value="1"/></td><td>\$12.99</td><td>\$12.99</td><td>Remove</td></tr><tr><td></td><td></td><td></td><td>\$72.97</td><td></td></tr></tbody></table></div>	Product Info	Quantity	Price (per unit)	Price (subtotal)		 Fortunata Window Hardware - Decorative Holdbacks - Mocha	<input type="text" value="2"/>	\$29.99	\$59.98	Remove	 Woven Trellis Window Hardware - Clip Rings - Bronze	<input type="text" value="1"/>	\$12.99	\$12.99	Remove				\$72.97	
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			\$72.97																		
I4	How to change images using onchange Events in JavaScript ?																				
A1	Write an examples of JavaScript Onblur events ?																				
A2	Write an examples of HTML5 embed tag how to implements animation images in web page ?																				
A3	Write an examples of transitions and transform attributes of css3 in web pages ?																				
A4	Make an small calculator to add, subtracts and divide of two numbers in JavaScript ? Example :																				




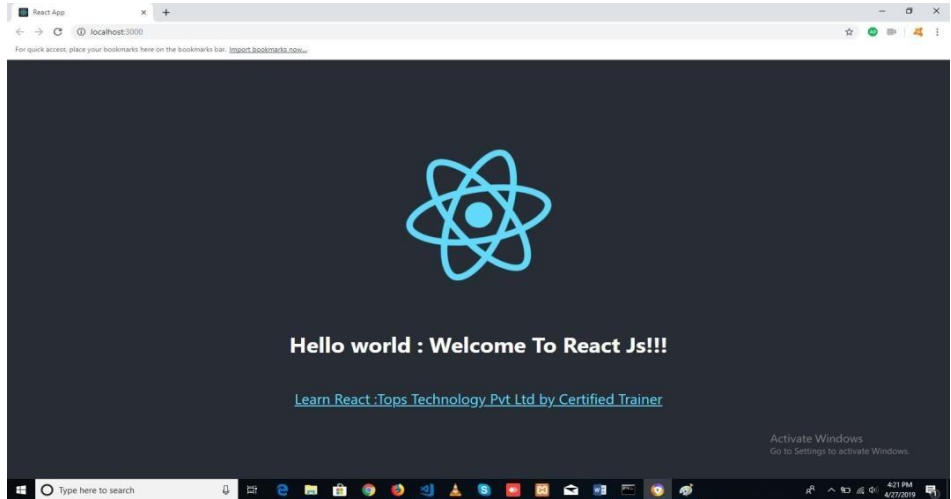
Module-2

Fundamentals of React Js

Task-2

B1	What is React Js?
B2	What is NPM in React Js?
B3	What is Role of Node Js in react Js ?
B4	What is CLI command In React Js ?
B5	What is Components In React Js ?
B6	What is Header and Content Components in React Js?
I1	How to install React Js on Windows, linux Operating System?
I2	How to install NPM and How to check version of NPM ?
I3	How to Check version of React Js ?
I5	How to change in components of React Js ?
I6	<div>How to Create a List View In React Js? <div>The "React Way" to Render a List<ul style="list-style-type: none">✓ Use <code>Array.map</code>✓ Not a <code>for</code> loop✓ Give each item a unique key✓ Avoid using array index as the key</div></div>



I7	<p>How to Create a Text Input in React Js ?</p> 
A1	<p>Write an Command of Update NPM in React Js ?</p>
A2	<p>Write all Command To create Directory and First app In React js ?</p>
A3	<p>Write an Command of How to create a your First App as brijesh-app in React js and jay-app in React js ?</p>
A4	<p>Write a Examples How To Change in React Js as Following Output ?</p> 

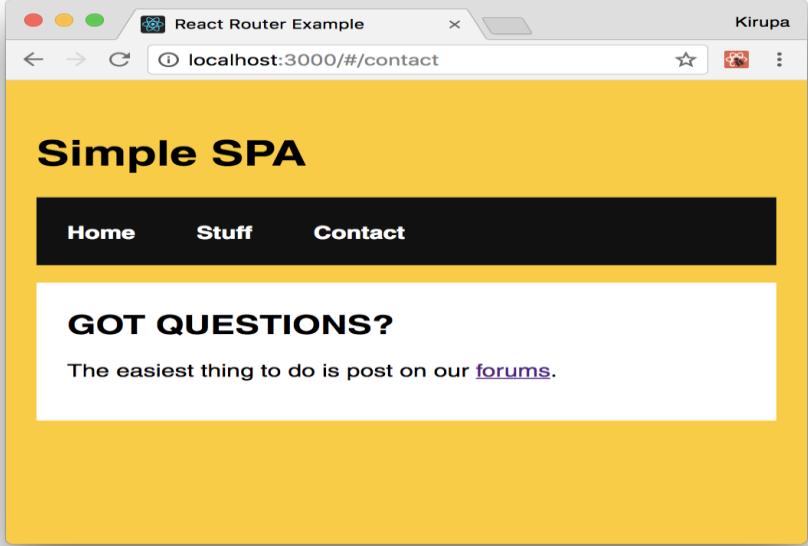
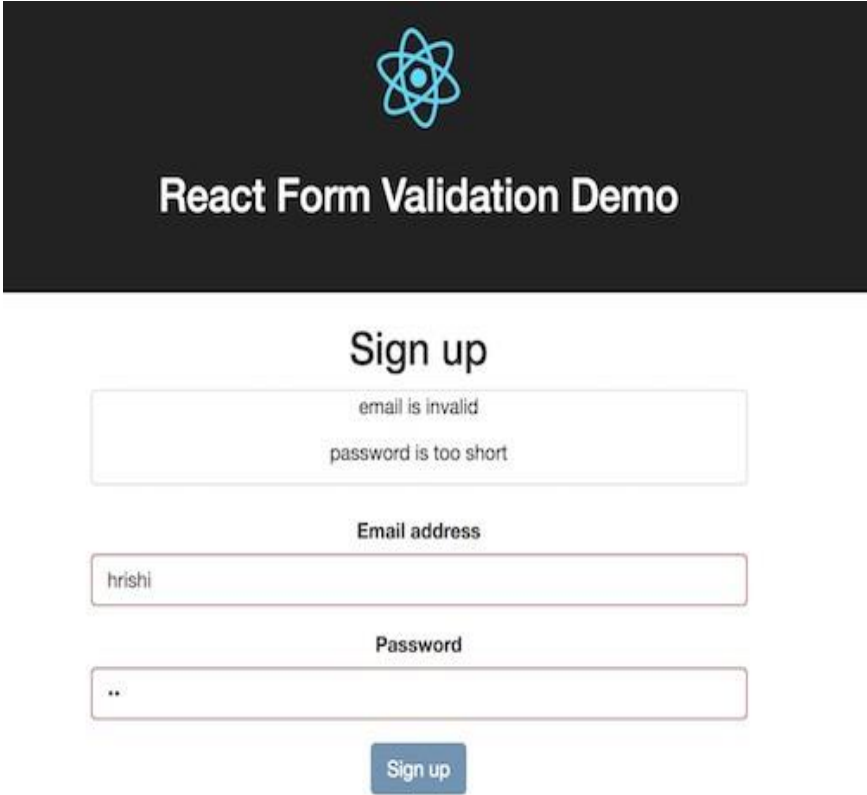
**Module-3 & 4****Getting Started React Js with JSX & Components****Task-3**

B1	What is JSX?
B2	What is React.createClass?
B3	How React works? How Virtual-DOM works in React?
B4	What is ReactDOM and what is the difference between ReactDOM and React?
B5	What are the differences between a class component and functional component?
B6	What is the difference between state and props?
B7	What are controlled components?
B8	What is a higher order component?
B9	What is create-react-app?
I1	Compare and contrast creating React Components in ES5 and ES2015 (also known as ES6). What are the advantages and disadvantages of using one or the other? Include notes about default. props, initial state, PropTypes, and DisplayName.
I2	Compare and contrast the various React Component lifecycle methods. How might understanding these help build certain interfaces/features?
I3	Compare and contrast incorporating mixins and enforcing modularity in React Components. (extend ,.createClass and mixins, HOCs) Why would you use these techniques, and what are the drawbacks of each?
I4	What is the significance of keys in React?



I5	What is the significance of refs in React?
I6	Compare and contrast
	significance of each, and when would you use one or the other? In addition, how might you use any data layer with React (like Backbone, Ember, or Redux)? What are the systemic requirements of doing so?
I7	What are pure functional Components?
I8	How might React handle or restrict Props to certain types, or require certain Props to exist?
I9	Create menu using array ?
I10	Using Events in React js ?
A1	<p>The TextInput component renders an input element in the DOM and accepts a ref that is forwarded to that input element. Finish the FocusableInput component:</p> <ul style="list-style-type: none">• The component should accept a focused prop.• When the focused prop is changed from false to true, and the input is not focused, it should receive the focus.• If on mounting the focused prop is true, the input should receive the focus.
A2	Write a <i>TodoList</i> component that expects an <i>items</i> prop, and a list of objects, each with <i>text</i> and <i>done</i> properties.
A3	<i>TodoList</i> also accepts an <i>onItemClick</i> function prop, which should be called when a user clicks an item in the list, if the item is not marked as <i>done</i> . Otherwise, the <i>onItemClick</i> should not be called and the click event itself should not be propagated further. The function should be called the <i>item</i> object from the <i>items</i> list as the first parameter and the event as the second parameter.



A4	<p>Create a Web page and set Routing on Each web pages in React Js?</p> 
A4	<p>Create a signup Form in react Js and Set Form Validation ?</p> 
A5	<p>Create a Contact Form in React Js and Set Form validation</p>



A6

Add New Contact

First Name

First Name

You need to provide First Name

Last Name

Storm

Phone

555

Phone number must be in International format

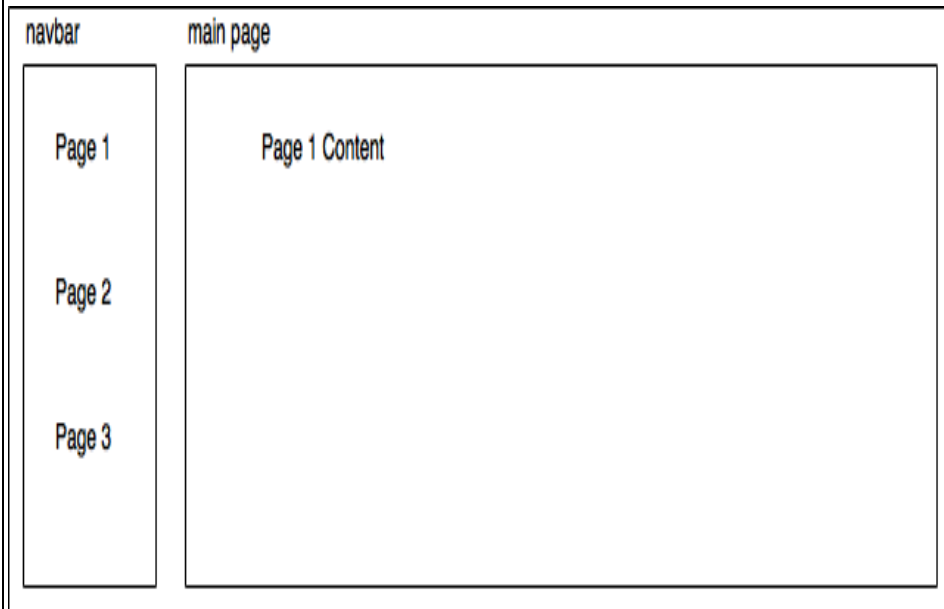
Email

susan|

Invalid email address

Save

Create a Navigation and Apply the Routing In web page in React Js ?



A7

Create an Register Page in React Js and Provide Form validation in all Field ?



Registration page

Name

*Please enter your username.

Email ID:

*Please enter your email-ID.

Mobile No:

*Please enter your mobile no.


Password

*Please enter your password.

Register

A8

Create an Login Form in React Js and Provide Form Validation ?

 Login

Username

Password

SUBMIT

Not registered yet, Register Now

REGISTER

A9

Create a Table In React Js and Insert data in Table ?

localhost/react-crud-level-1/


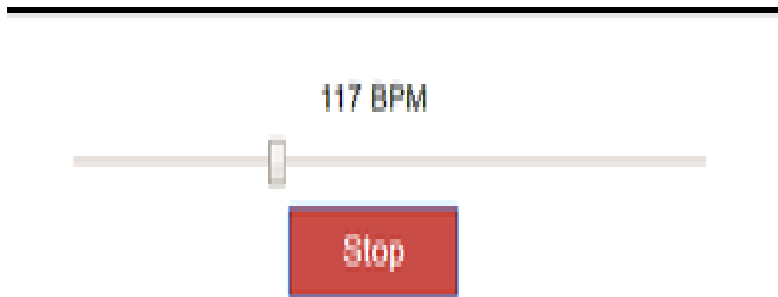
Read Products

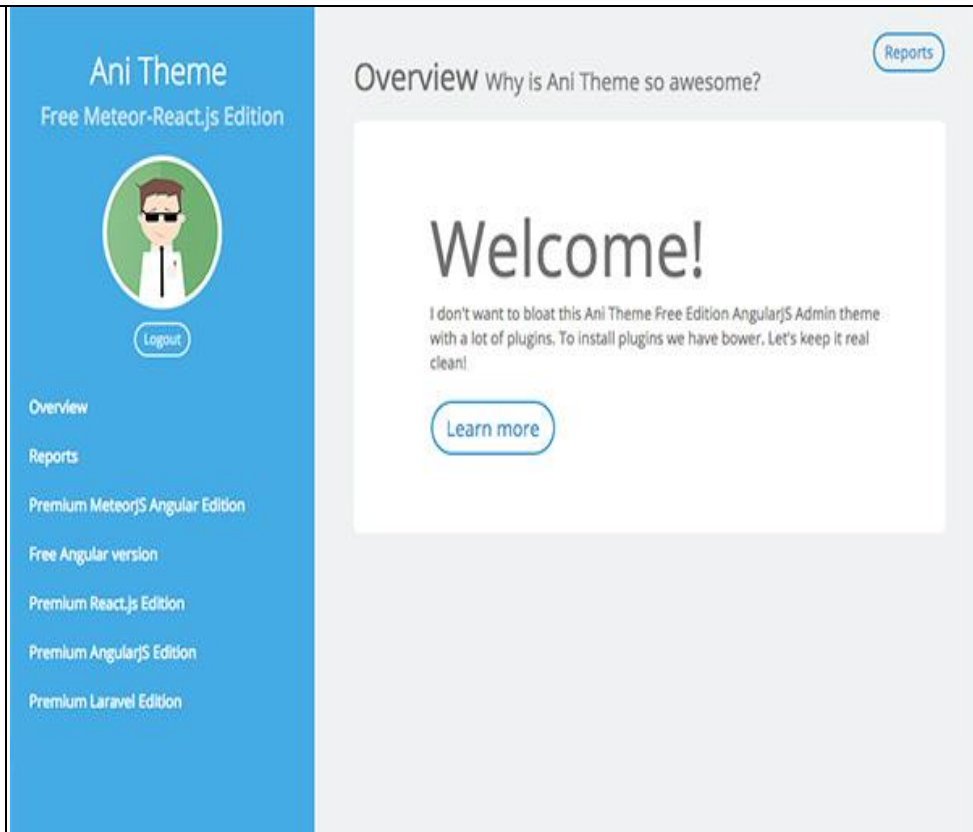
Create product

Name	Description	Price	Category	Action
Pillow for Coders 2.4	The best pillow for programmers. It improves their health.	\$25.00	Movies	Read One Edit Delete
Rolex Watch Men	Luxury watch.	\$25000.00	Fashion	Read One Edit Delete
Bristol Shoes Men	Awesome shoes. Seen in movies.	\$999.00	Movies	Read One Edit Delete
Nike Shoes for Men	Nike Shoes	\$12999.00	Fashion	Read One Edit Delete
Amanda Waller Shirt Men	New awesome shirt	\$333.00	Fashion	Read One Edit Delete
Wallet Men	You can absolutely use this one!	\$799.00	Books	Read One Edit Delete
Another product Men	Awesome product!	\$555.00	Fashion	Read One Edit Delete
Abercrombie Allen Brook Shirt	Cool red shirt!	\$70.00	Fashion	Read One Edit Delete
Abercrombie Lake Arnold Shirt	Perfect as gift!	\$60.00	Fashion	Read One Edit Delete

**Module-5****Redux Implementation In React Js****Task-4**

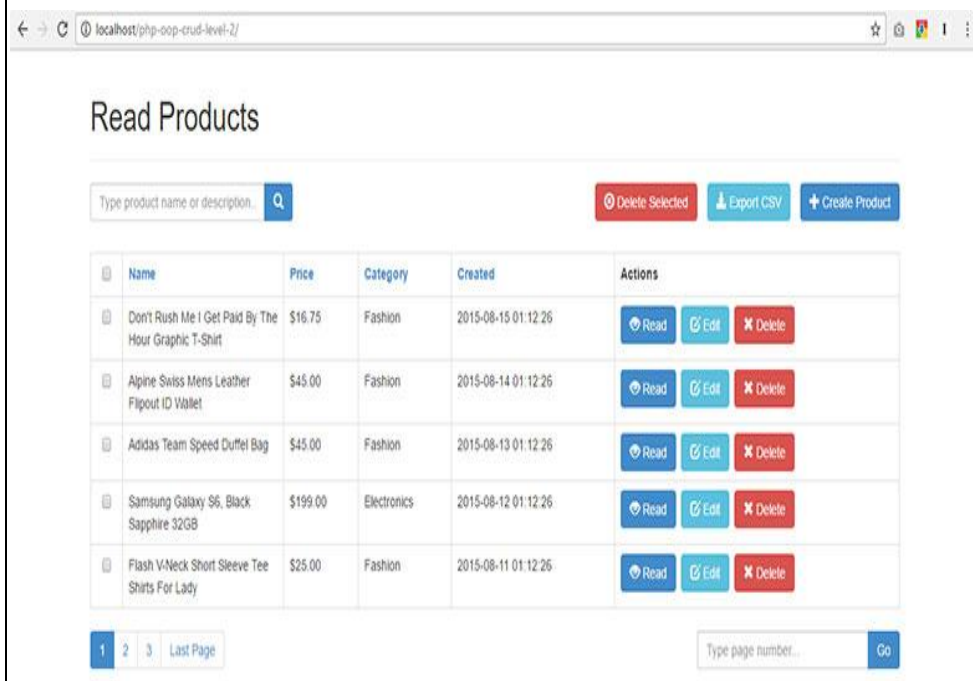
B1	What is Redux?
B2	What is Redux Thunk used for?
B3	What is Pure Component? When to use Pure Component over Component?
B4	What is the second argument that can optionally be passed to setState and what is its purpose?
B5	What is the difference between React Native and React?
B6	Which feature can we use to cause a component to render only when its ID changes?
B7	What is the second argument that can optionally be passed to setState and what is its purpose?
I1	Explain Synthetic Event ?
I2	Stateless components
I3	Difference between ReactJs, Angular, VUE.Js
I4	What do you know about Flux?

I5	<p>Create simple page using Styled Component</p> <p>Basic Example</p> 
I6	Explain Synthetic Event ?
I7	Stateless components ?
I8	Difference between ReactJs, Angular, VUE.Js
A1	<p>You have a <i>GroceryApp</i> class, which receives a list of products, each one with <i>name</i> and <i>votes</i>. The app should render an unordered list, with a list item for each product. Products can be upvoted or downvoted.</p> <p>By appropriately using React <i>state</i> and <i>props</i>, implement the upvote/downvote logic. Keep the state in the topmost component, while the <i>Product</i> component should accept props.</p>
A2	<p>Finish the greeter component so that it returns a div element with text “Hell {User}” where a prop passed to the component.</p> <p>For example, if user props has value “Admin” the method should return “Hello Admin”</p>
A3	<p>Create Rang selector for BPM</p> 
A4	Create a Admin Dashboard in React Js ?



A5

Create a Table and apply CRUD Operation insert Read that data using react Js ?



A6

Create a Table and Search data from table using React Js ?

A7

Create a Complete website web page in React js and Host That page on Web server or commit on GIT or SVN server.

