**National University of Computer and Emerging Sciences**



**Laboratory Tasks 08**

*for*

# Web Engineering

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# Spring 2024

**FAST School of Computer Science**

For state variable

Use the import { useState } from react

And make variable cosnt [name , setName] = useState(“ABC”) in function app

Onclick = {functionname}

Variable in onClick onClick={()=>{setName(“Saqib”)}}

Separate file for component

Like Student.js

And add this file in the App.js like

<Student name = {name} email = [fgh@gmail.com](mailto:fgh@gmail.com) other = {{address:”FSD” ,mobile:”000”/>

For props use the keyword of props in the function as a parameter

Function Student(props){console.log(props.name)}

<h1>Hello {props.name}</h1> <h2>Email:{props.email}</h2>

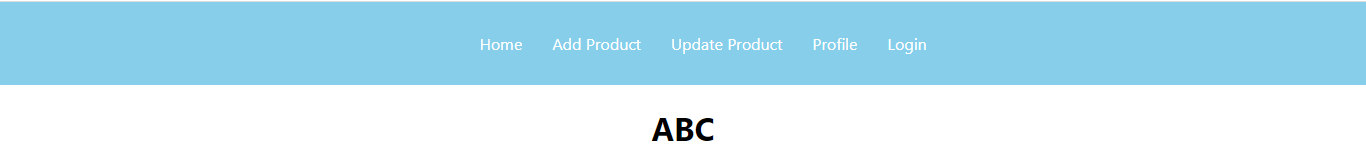
<h3>Address:{(props.other.address , props.other.mobile)}</h3>

QNO1: Get started with “React”, create your react app and print your roll no, name and replace the logo of React with FAST-NUCES logo. Then you need to increase the speed of animation using it’s CSS file.

QNO2: Create a react app to print the table of a number, you need to get input from the user as table number and its limit. Make 2 state variable number and limit then display the table.

QNO3: Create a react app to create a simple form, which must contain name, username, password, and confirm password. Try to make elegant using CSS to add styling.

QNo4: Create a react app to create the navigation which is given below and add it to the app.js file using component with name Nav also add css for this.



QNO5: Make three variables with name rollno marks and name just make a function with name application then change the value of these variables and call the function with button function onClick.

QNO6: Create a react app to implement the concept of states just make a state variable of name to initialize variable with name ‘ABC’ and change this name to ‘FASTNU’ and print this name using h1 tag.

QNO7: Create a react app and make a component with name Student.js in which display the name , email and address with country printed through props pass as a parameter in function component and these properties are set at the time of calling component in App.js file

One more change is required if I want to update the name and email what thing I do think it and answer it one possible solution is make the state variables of name and email and make a single button with name update in which call these state variable using onclick event

QNO8: Get Input box value

1. Make input field ii) Make function and get values iii) Make button and state iv) Get value on button click

Make state variable with null value and after that in function get the value of input field

Make a function with name getdata and call this function on input field using onchange method

Some changes required

Make another state variable with name print and initialize it with false

Make a button with name print and call this set print state function using onclick method

Print data or null.

QNO9: Create a React app and make a form with fields name input text type and one selection with options and one check box with terms and condition your task is to just get the values of all form fields using value. Get function and display in the console using console. Warn function which is called onsubmit button with function name handle data.