**what is props ?**

ans: React Props are read-only arguments passed from one React Component to another (down the component hierarchy). Props are arguments passed into React components.Props are passed to components via HTML attributes.

in simply, I can says, props is a technique where you can pass arguments from one component(parent) to another component(child).

ex: parent component: App.js ,child component: components/Navbar.js

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| App.js |  |
| let name = “”;  let phone =””;  let date = “”;  function App() {  return (  <>  <Form  nm={name} ph={phone} date={date}  />  </>  );  } | function Form(props){  return(  <div>  <table>  <tr>  <th>Name</th>  <th>Phone</th>  <th>DOB</th>  </tr>  <tr>  <td>{props.nm}</td>  <td>{props.ph}</td>  <td>{props.date}</td>  </tr>  </table>  </div>  )  }  export default Form; |

Topic: passing arguments between multiple components via props

say, ***I want to pass data arguments from App.js -> Comp1.js -> Navbar.js***

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| App.js | Comp1.js | Navbar.js |
| let name="paul walker";  let phone=9330497982;  let car =”kawasaki ninja”;  function App() {  return (  <Comp1 nm={name} ph={phone} car={car} />  );  } | import Nav from './Navbar.js';  function Comp1(props){  let Phone = props.ph;  let Fname = props.nm;  let Age = 22;  return(  <>  <Nav fname={Fname} Cellphone={Phone} age={Age}  car={props.car}  />  </>  )  } | function Navbar(props){  return(  <>  {props.fname}  <br />  {props.Cellphone}  <br />  {props.age}  <br />  {props.car}  </>  )  } |

***topic: passing object of ‘array of objects’ to components via props***

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| --- | --- |
| App.js | Navbar.js |
| function App() {  let person = [  {  name:'shimanta das',  phone:9330497982,  age:22  },  {  name:'rohit das',  phone:4875451259,  age:22  }  ];  return (  <Nav item={person} />  );  } | function Narbar(props){  return(  <>    {props.item[0].name}  {props.item[0].phone}  {props.item[0].age}  <br />  {props.item[1].name}  {props.item[1].phone}  {props.item[1].age}  </>  )  } |