*Props*

const Button = (props) => {

  return (

    <button>

        {props.text}

        {props.icon}

    </button>

  )

}

export default Button

<div className="top\_btn">

        <Button text="Support Via Chat" icon={<MdMessage />} />

        <Button text="Support Via Call" icon={<LuPhoneCall />} />

</div>

*We can use a condition while assigining the props values*

*e.g 1*

const Button = (props) => {

    console.log(props.icon)

  return (

    <button>

{props.text}

      {props.icon?<img src={props.icon} />:null}

    </button>

  )

}

<div className="top\_btn">

        <Button text="Support Via Chat" icon={<MdMessage />} />

        <Button text="Support Via Call" /> //Here if I don’t pass any icon it will not display any icon as I am using optional operator ? above

    </div>

*E.g 2*

const Button = (props) => {

  return (

    <button className={props.isWhite? 'whiteButton' : 'blackButton'}> //based on the Boolean value I pass it will set the classmane accordingly

        {props.text}

        {props.icon}

    </button>

  )

}

export default Button

<div className="top\_btn">

        <Button text="Support Via Chat" icon={<MdMessage />} isWhite={false} />

        <Button text="Support Via Call" icon={<LuPhoneCall />} isWhite={true}/>

    </div>

*NOTE : props should be written only in ()*

*Props destructuring*

*We can pass the prop attributes individually also.*

*Advantage : we don’t have to access the props by the “props” keyword*

const Button = ({icon,text}) => {

    console.log(icon)

  return (

    <button>{text}

    {/\* {icon && <img src={icon}/>} \*/}

    {icon?<img src={icon} />:null}

    </button>

  )

}

*NOTE :The individual arguements should be passed in {}*

*The order of the arguements are not considered*

**Default Prop Values**

Button.defaultProps = {

isWhite: false,

text:"login",

icon:<MdMessage /> //Jsx element direclty

};

**PropTypes**

Button.propTypes = {

isWhite: PropTypes.bool,

text: PropTypes.string,

icon:PropTypes.node

}

Button.defaultProps = {

    isWhite: false,

    text:"login",

    icon:<MdMessage />  //Jsx element direclty

    };

    Button.propTypes = {

        isWhite: PropTypes.bool,

        text: PropTypes.string,

        icon:PropTypes.node

      }

export default Two

//prop validation

Button.propTypes = {

myicon: PropTypes.element, // For React elements like icons

mycolor: PropTypes.string.isRequired, // Required string

mytext: PropTypes.string, // Optional string

myfontsize: PropTypes.string.isRequired, // Required string

onClickHandler: PropTypes.func, // Function for the click handler

stud:PropTypes.shape({

rno:PropTypes.number.isRequired,

sname:PropTypes.string.isRequired,

per:PropTypes.number.isRequired

})

};

NOTE : write the default values & prop types after the end of the component

Undefined,null will be read as Boolean false