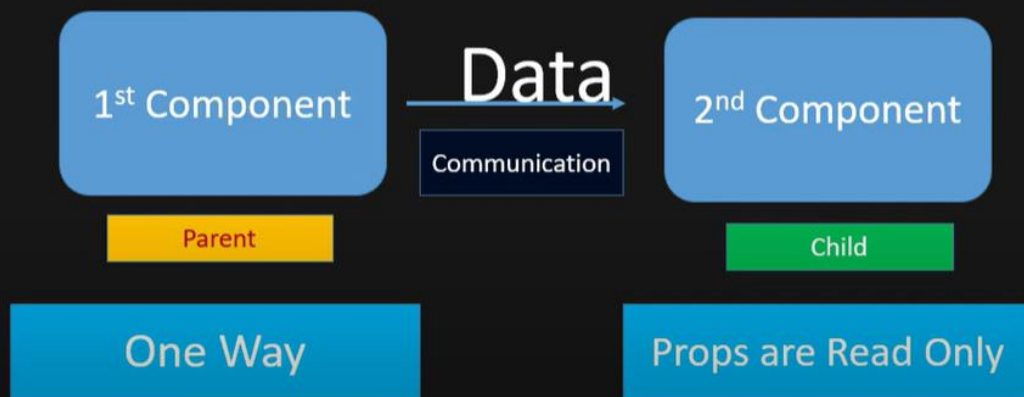Props

data can be passed from one component to another component using these props, similar to how the arguments are passed in a function. 19 Jul 2023

Props = Properties

1st Component — Data → 2nd Component

Communication

Parent

Child

One Way

Props are Read Only

CREATE FOLDER IN SRC IN IT CREATE 4 JSX FILES


```
import React from "react";

const ThridComp = () => {
  return <div>ThridComp</div>;
};

export default ThridComp;
```

```
v src
  > examples
  v propContainer
    FirstComp.jsx      U
    FourthComp.jsx     U
    SecondComp.jsx     U
    ThridComp.jsx      U
```

FOR USING PROPS EFFICIENT WE HAVE TO USE ARROW FUNCTION

rafce → short cut to create arrow function

rendering all 4 componenets to App.js

```jsx
App.jsx > App
1    import React from "react";
2    import "./App.css";
3    import FirstComp from "./propContainer/FirstComp";
4    import SecondComp from "./propContainer/SecondComp";
5    import ThridComp from "./propContainer/ThridComp";
6    import FourthComp from "./propContainer/FourthComp";
7
8    //const a = "Varshith";
9    //const b = "Nagubandi";
10
11   function App() {
12     return (
13       <div>
14         <FirstComp />
15         <SecondComp />
16         <ThridComp />
17         <FourthComp />
18       </div>
19     );
20   }
21
22   export default App;
23
```

(44) #9. React Props in Telugu -   ✕   React App

← → C ⓘ http://localhost:3000

FirstComp
SecondComp
ThridComp
FourtComp

NOW PROPS CONCEPT

App.js -→ parent component

First second Thrid Fourth Component → child Components

Getting data from parent to child

```jsx
import React from "react";
import "./App.css";
import FirstComp from "./propContainer/FirstComp";
import SecondComp from "./propContainer/SecondComp";
import ThridComp from "./propContainer/ThridComp";
import FourthComp from "./propContainer/FourthComp";

//const a = "Varshith";
//const b = "Nagubandi";

function App() {
  return (
    <div>
      <FirstComp name1="Varshith" />
      <SecondComp name1="Hardik" />
      <ThridComp name1="AlluArjun" />
      <FourthComp name1="Salaar" />
    </div>
  );
}

export default App;
```
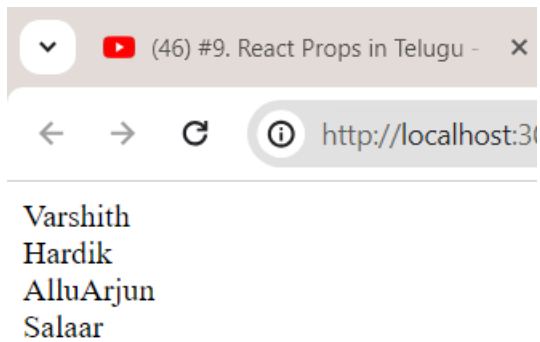
Child class

```
propContainer > ⚛ FirstComp.jsx > ...
  import React from "react";

  const FirstComp = (props) => {
    return <div>{props.name1}</div>;
  };

  export default FirstComp;
```

props contains the data from parent class

(46) #9. React Props in Telugu -   ✕

← → C ⓘ http://localhost:3(

Varshith
Hardik
AlluArjun
Salaar

To print data from object

```jsx
App.jsx > App
1    import React from "react";
2    import "./App.css";
3    import FirstComp from "./propContainer/FirstComp";
4    import SecondComp from "./propContainer/SecondComp";
5    import ThridComp from "./propContainer/ThridComp";
6    import FourthComp from "./propContainer/FourthComp";
7
8    //const a = "Varshith";
9    //const b = "Nagubandi";
0
1    const intro = {
2      name: "Veera",
3      department: "cse",
4    };
5
6    function App() {
7      return (
8        <div>
9          <FirstComp name1={intro.name} />
0          <SecondComp name1="Hardik" />
1          <ThridComp name1="AlluArjun" />
2          <FourthComp name1="Salaar" />
3        </div>
```

(77) #9. React Props in Telugu - ✕   React App

← → C ⓘ http://localhost:3000

Veera
Hardik
AlluArjun
Salaar