# ReactJS Props Examples

## Example 1: UserCard Component

**A component that accepts name, age, and location as props and displays a user profile card.**

UserCard.js:

import React from 'react';

const UserCard = (props) => {

return (

<div style={{ border: '1px solid gray', padding: '10px', margin: '10px' }}>

<h3>{props.name}</h3>

<p>Age: {props.age}</p>

<p>Location: {props.location}</p>

</div>

);

};

export default UserCard;

App.js:

import React from 'react';

import UserCard from './components/UserCard';

function App() {

return (

<div>

<h1>User Profiles</h1>

<UserCard name="Manav" age={31} location="Varanasi" />

<UserCard name="Aditi" age={28} location="Bangalore" />

<UserCard name="Ankit" age={35} location="Delhi" />

</div>

);

}

export default App;

## Example 2: Greeting with Time of Day

**Component uses props to personalize a message.**

Greeting.js:

import React from 'react';

const Greeting = ({ name, timeOfDay }) => {

return <h2>Good {timeOfDay}, {name}!</h2>;

};

export default Greeting;

App.js:

import Greeting from './components/Greeting';

<Greeting name="Manav" timeOfDay="Morning" />

<Greeting name="Aditi" timeOfDay="Evening" />

## Example 3: Passing Arrays as Props

**You can pass lists like skills or hobbies.**

HobbyList.js:

import React from 'react';

const HobbyList = ({ name, hobbies }) => {

return (

<div>

<h3>{name}'s Hobbies</h3>

<ul>

{hobbies.map((hobby, index) => (

<li key={index}>{hobby}</li>

))}

</ul>

</div>

);

};

export default HobbyList;

App.js:

import HobbyList from './components/HobbyList';

<HobbyList name="Manav" hobbies={['Reading', 'Cycling', 'Singing']} />

<HobbyList name="Aditi" hobbies={['Sketching', 'Coding']} />

## Summary

Concept | Example Used

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Props Basics | Welcome, Greeting

Multiple Props | UserCard

Destructuring | Greeting, HobbyList

Arrays as Props | HobbyList