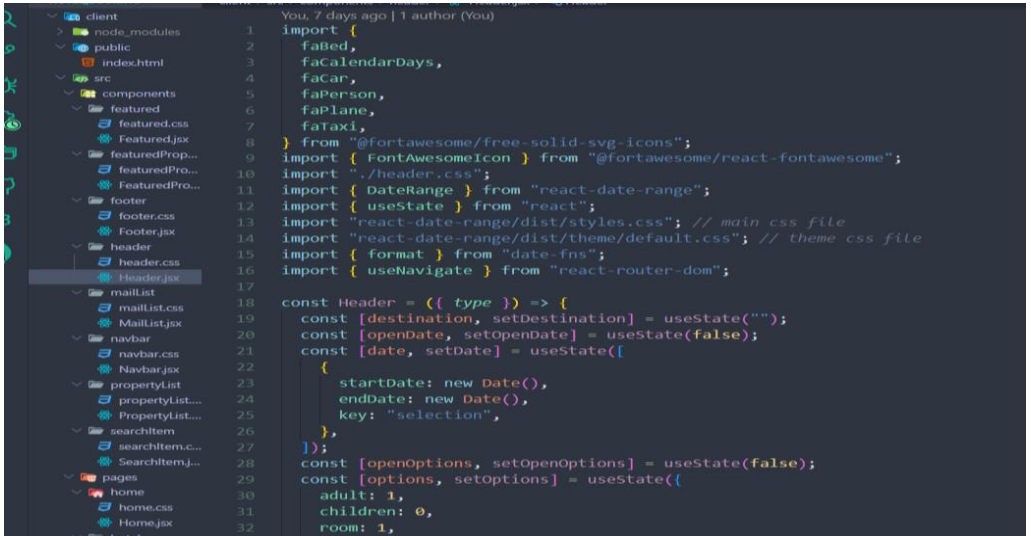




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**Department Of Computer Engineering**

<b>Name</b>	Manish Shashikant Jadhav
<b>UID</b>	2023301005
<b>Subject</b>	CITL (Cloud and Internet Technology Lab)
<b>Experiment No.</b>	1
<b>Aim</b>	Webpage
<b>Theory</b>	<p>React is used in a hotel website for its component-based structure, enabling reusable UI elements like booking forms, room listings, and navigation. It provides dynamic updates, improves performance through virtual DOM, and supports state management for real-time availability checks, filters, and booking functionalities. React also allows for smooth integration of APIs to display room data, prices, and customer reviews.</p>
<b>Code</b>	<ul style="list-style-type: none"><li>• <b>Header.jsx</b></li></ul>  <pre>1 You, 7 days ago   1 author (You) 2 import { 3   faBed, 4   faCalendarDays, 5   faCar, 6   faPerson, 7   faPlane, 8   faTaxi, 9 } from "@fortawesome/free-solid-svg-icons"; 10 import { FontAwesomeIcon } from "@fortawesome/react-fontawesome"; 11 import "../header.css"; 12 import { DateRange } from "react-date-range"; 13 import { useState } from "react"; 14 import "react-date-range/dist/styles.css"; // main css file 15 import "react-date-range/dist/theme/default.css"; // theme css file 16 import { format } from "date-fns"; 17 import { useNavigate } from "react-router-dom"; 18 19 const Header = ({ type }) =&gt; { 20   const [destination, setDestination] = useState(""); 21   const [openDate, setOpenDate] = useState(false); 22   const [date, setDate] = useState({ 23     startDate: new Date(), 24     endDate: new Date(), 25     key: "selection", 26   }); 27 28   const [openOptions, setOpenOptions] = useState(false); 29   const [options, setOptions] = useState({ 30     adult: 1, 31     children: 0, 32     room: 1,</pre>



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- **Home.jsx**

```
client > src > pages > home > Home.jsx > ...  
You, last week | 1 author (You)  
1 import Featured from "../../components/featured/Featured";  
2 import FeaturedProperties from "../../components/featuredProperties/FeaturedProperties";  
3 import Footer from "../../components/footer/Footer";  
4 import Header from "../../components/header/Header";  
5 import Maillist from "../../components/maillist/Maillist";  
6 import Navbar from "../../components/navbar/Navbar";  
7 import PropertyList from "../../components/propertyList/PropertyList";  
8 import "./home.css";  
9  
10 const Home = () => {  
11   return (  
12     <div>  
13       <Navbar />  
14       <Header/>  
15       <div className="homeContainer">  
16         <Featured/>  
17         <h1 className="homeTitle">Browse by property type</h1>  
18         <PropertyList/>  
19         <h1 className="homeTitle">Homes guests love</h1>  
20         <FeaturedProperties/>  
21         <Maillist/>  
22         <Footer/>  
23       </div>  
24     </div>  
25   );  
26 };  
27  
28 export default Home;  
29
```

- **Hotel.jsx**

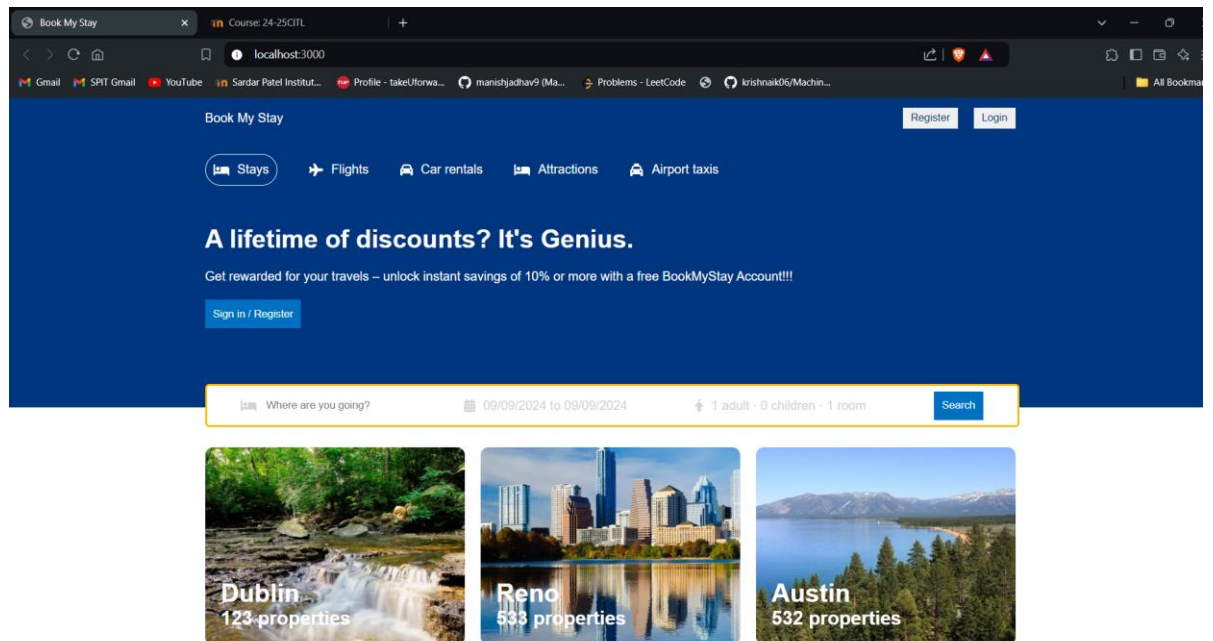


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```
index.html Header.jsx Navbar.jsx Home.jsx Footer.jsx Hotel.jsx x
client > src > pages > hotel > Hotel.jsx > Hotel
15 const Hotel = () => {
40   const handleOpen = (i) => {
41     setSlideNumber(i);
42     setOpen(true);
43   };
44
45   const handleMove = (direction) => {
46     let newSlideNumber;
47
48     if (direction === "l") {
49       newSlideNumber = slideNumber === 0 ? 5 : slideNumber - 1;
50     } else {
51       newSlideNumber = slideNumber === 5 ? 0 : slideNumber + 1;
52     }
53
54     setSlideNumber(newSlideNumber)
55   };
56
57   return (
58     <div>
59       <Navbar />
60       <Header type="list" />
61       <div className="hotelContainer">
62         {open && (
63           <div className="slider">
64             <FontAwesomeIcon
65               icon={faCircleXmark}
66               className="close"
67               onClick={() => setOpen(false)}
68             />
69             <FontAwesomeIcon
70               icon={faCircleArrowLeft}
71               className="arrow"

```

## Output





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localhost:3000


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**Resorts**  
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**Villas**  
2331 hotels




**Cabins**  
2331 hotels


### Homes guests love




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Starting from \$120



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Austin  
Starting from \$140



**Four Seasons Hotel**  
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Starting from \$99



**Hilton Garden Inn**  
Berlin  
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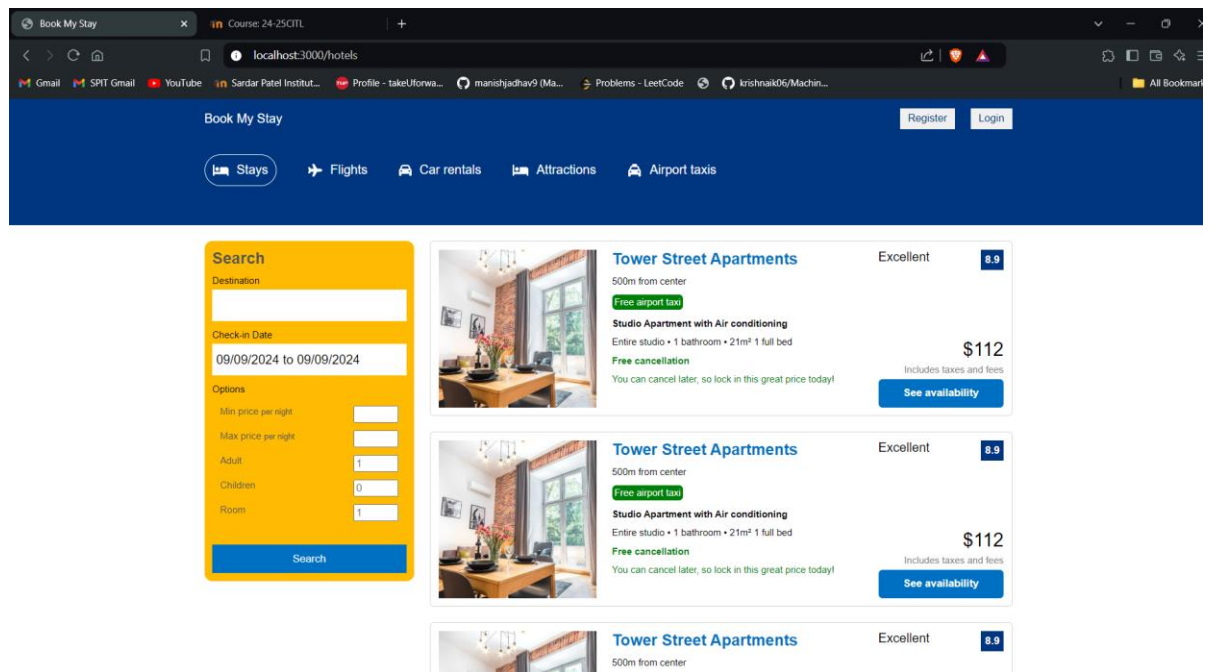
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**Conclusion**

Hence by completing this experiment I came to know about how to build frontend webpages using ReactJS.