

INFOLABZ IT SERVICES PVT. LTD.

Bitcoin Price :

```
1  import logo from './logo.svg';
2  import './App.css';
3  import { useState,useEffect } from 'react';
4
5  function App() {
6    return (
7      <div className="App">
8        <h1>Bitcoin Live Data</h1>
9        <FetchAPI />
10     </div>
11   );
12 }
13
14 export function FetchAPI(){
15
16   const [data,setData] = useState([]);
17   const apiGet = () => {
18     fetch("https://api.coindesk.com/v1/bpi/currentprice.json")
19       .then((response)=> response.json())
20       .then((json)=>{
21         setData(json.bpi.USD);
22       })
23   }
```

```

23     }
24
25     useEffect(
26       ()=>{
27         apiGet();
28         const interval = setInterval(
29           ()=>{
30             apiGet();
31           },10000
32         );
33         return () => clearInterval(interval);
34       },[]
35     );
36
37     return(
38       <>
39         <h1>{data.rate}</h1>
40       </>
41     );
42   }
43
44   export default App;

```

Fetching State wise covid data from API.

```

JS App.js
src > JS App.js > FetchAPI
1  import logo from './logo.svg';
2  import './App.css';
3  import { useState,useEffect } from 'react';
4
5  function App() {
6    return (
7      <div className="App">
8        <h1>Covid apiGet</h1>
9        <FetchAPI />
10     </div>
11   );
12 }
13
14 export function FetchAPI(){
15   const [data,setData] = useState([]);
16
17   const apiGet = () => {
18     fetch("https://data.covid19india.org/data.json")
19     .then((response)=>response.json())
20     .then((json)=>{
21       setData(json.statewise);
22     });
23   };
24

```

```

25   useEffect(()=>{
26     apiGet();
27     const interval = setInterval(()=>{
28       apiGet();
29     },10000);
30     return () => clearInterval(interval);
31   },[]);

```

```

32
33   return(
34     <>
35     <table>
36       <tr>
37         <th>Sr No</th>
38         <th>Statename</th>
39         <th>Confirmed Cases</th>
40         <th>Death Cases</th>
41         <th>Recovered Cases</th>
42       </tr>
43       {
44         data.map(
45           (item,i)=>(
46           <tr>

```

```

39         <th>Confirmed Cases</th>
40         <th>Death Cases</th>
41         <th>Recovered Cases</th>
42       </tr>
43       {
44         data.map(
45           (item,i)=>(
46           <tr>
47             <td>{i+1}</td>
48             <td>{item.state}</td>
49             <td>{item.confirmed}</td>
50             <td>{item.deaths}</td>
51             <td>{item.recovered}</td>
52           </tr>
53         )
54       )
55     }
56   </table>
57 </>
58 );
59 }
60
61 export default App;

```

Tasks

Task 1 : ISRO API : <https://isro.vercel.app/api/spacecrafts>

Load API data using React JS and print it in bootstrap table.

Applied bootstrap concepts : Container, Row, Bordered table

SR NO	SPACE CRAFTS
1	Aryabhata
2	Bhaskara-I
3	Rohini Technology Payload (RTP)
4	Rohini Satellite RS-1
5	Rohini Satellite RS-D1
6	APPLE
7	Bhaskara-II
8	INSAT-1A
9	Rohini Satellite RS-D2
10	INSAT-1B
11	SROSS-1
12	IRS-1A
13	SROSS-2
14	INSAT-1C

TASK 2 : News API : <https://inshortsapi.vercel.app/news?category=sports>

Load data from above API from using React Js and print in Bootstrap table as shown in table below.

SR NO	NEWS TITLE	AUTHOR	DATE & TIME
1	IPL team owners and their brand value	Unnati Madan	Friday, 09 February, 2024 , 04:57 am
2	Top 10 batsmen with highest batting average in Tests in India	Unnati Madan	Friday, 09 February, 2024 , 04:46 am
3	IND vs AUS: a repeat of 2023 Final in U19 World Cup 2024 Final	Unnati Madan	Friday, 09 February, 2024 , 12:59 am
4	Hardik Pandya has unfollowed Rohit Sharma - fact-check	Unnati Madan	Friday, 09 February, 2024 , 12:56 am
5	Aaron Finch drops Steve Smith from his squad for World Cup 2024	Unnati Madan	Friday, 09 February, 2024 , 12:51 am
6	Video: Ex-WWE star The Undertaker unveils Riyadh Season Cup trophy	Sourya Bhaduri	Friday, 09 February, 2024 , 12:31 am
7	Over-rate violation costs Pak in U19 WC semi-final defeat to Aus	Ben Gardner	Friday, 09 February, 2024 , 12:10 am
8	Toss drama as India share women's U-19 SAFF trophy with Bangladesh	Sayan Mukherjee	Thursday, 08 February, 2024 , 11:53 pm
9	Kohli vs Anderson battle missing in Test series: Nasser Hussain	Tanishq	Thursday, 08 February, 2024 , 11:07 pm
10	SAFF U-19 Women's C'ship: India v Bangladesh Controversy explained	Pritish	Thursday, 08 February, 2024 , 10:58 pm