```
1  import { Bar, Doughnut } from "react-chartjs-
   2";
2  import Chart from "chart.js/auto";
3  import { CategoryScale } from "chart.js";
4  import { useRef, useState } from "react";
5  import data from "./data/2018/PMAYCITY2018.
   json";
6
7  Chart.register(CategoryScale);
8
9  const Graph = () => {
10   const [stateName, setStateName] = useState
   ({
11     stateName: "JAMMU AND KASHMIR",
12     year: 2018,
13   });
14
15   const enteredStateName = useRef(stateName.
   stateName);
16   const enteredYear = useRef(stateName.year);
17
18   const submitHandler = (e) => {
19     e.preventDefault();
20     const newStateName = enteredStateName.
   current.value;
21     const newYear = enteredYear.current.value
   ;
22
23     setStateName((prevState) => {
24       return {
25         ...prevState,
26         stateName: newStateName,
27         year: newYear,
28       };
29     });
```

```
30        console.log(
31          data.filter((item) => {
32            if (item["State Name"] === stateName.
     stateName) {
33              return item;
34            }
35          })
36        );
37      };
38
39      return (
40        <>
41          <form onSubmit={submitHandler}>
42            <label htmlFor="StateName">StateName
     </label>
43            <br />
44            <input
45              type="text"
46              id="StateName"
47              name="Scope"
48              value={stateName.stateName}
49              ref={enteredStateName}
50            />{" "}
51            <br />
52            <label htmlFor="Year">Year</label>
53            <br />
54            <input
55              type="number"
56              id="Year"
57              name="Year"
58              value={stateName.year}
59              ref={enteredYear}
60            />
61            <br />
62            <button type="submit">Show</button>
```

```
63          </form>
64          <Bar
65            data={{
66              labels: [
67                "prior to 2012-2013",
68                "2013-2014",
69                "2014-2015",
70                "2015-2016",
71                "2016-2017",
72                "2017-2018",
73                "Total Houses completed in 2017-
   2018",
74              ],
75              datasets: [
76                {
77                  label: "House Completed",
78                  data: [0, 0, 0, 0, 25444, 615,
   26059],
79                  backgroundColor: [
80                    "rgba(255, 99, 132, 0.2)",
81                    "rgba(54, 162, 235, 0.2)",
82                    "rgba(255, 206, 86, 0.2)",
83                    "rgba(75, 192, 192, 0.2)",
84                    "rgba(153, 102, 255, 0.2)",
85                    "rgba(255, 159, 64, 0.2)",
86                    "rgba(0, 240, 0, 0.2)",
87                  ],
88                  borderColor: [
89                    "rgba(255, 99, 132, 1)",
90                    "rgba(54, 162, 235, 1)",
91                    "rgba(255, 206, 86, 1)",
92                    "rgba(75, 192, 192, 1)",
93                    "rgba(153, 102, 255, 1)",
94                    "rgba(255, 159, 64, 1)",
95                    "rgba(0, 240, 0, 1)",
```

```
 96              ],
 97              borderWidth: 1,
 98            },
 99          ],
100        }}
101        height={400}
102        width={600}
103        options={{
104          maintainAspectRatio: true,
105        }}
106      />
107    </>
108  );
109 };
110 export default Graph;
111
```