

## CODE :

```
import React, { useState } from "react";
import "./App.css";

function App() {
  const events = [
    { date: "2025-10-10", title: "Meeting", description: "Project discussion" },
    { date: "2025-10-17", title: "Workshop", description: "React training session" },
    { date: "2025-10-25", title: "Birthday", description: "Team celebration" },
  ];

  const [selectedDate, setSelectedDate] = useState("");
  const days = Array.from({ length: 31 }, (_, i) => i + 1);
  const month = "2025-10";

  const selectedEvent = events.find(
    (e) => e.date === `${month}-${selectedDate.padStart(2, "0")}`
  );

  return (
    <div style={{ textAlign: "center", fontFamily: "Poppins, sans-serif" }}>
      <h1> Interactive Calendar</h1>
      <h3>October 2025</h3>

      <div
        style={{
          display: "grid",
          gridTemplateColumns: "repeat(7, 1fr)",
          gap: "10px",
```

```

        maxWidth: "350px",
        margin: "auto",
    }}
>
    {days.map((day) => (
        <div
            key={day}
            onClick={() => setSelectedDate(day.toString())}
            style={{
                padding: "12px",
                borderRadius: "10px",
                cursor: "pointer",
                backgroundColor:
                    selectedDate === day.toString() ? "#4CAF50" : "#f0f0f0",
                color: selectedDate === day.toString() ? "#fff" : "#333",
                boxShadow:
                    selectedDate === day.toString()
                    ? "0 0 10px #4CAF50"
                    : "0 0 3px #ccc",
                transition: "0.3s",
            }}
        >
            {day}
        </div>
    ))}
</div>

```

```

<div style={{ marginTop: "25px" }}>
    {selectedEvent ? (

```

```
<>
  <h2>{selectedEvent.title}</h2>
  <p>{selectedEvent.description}</p>
</>
) : selectedDate ? (
  <p>No events for {month}-{selectedDate.padStart(2, "0")}</p>
) : (
  <p>Select a date to see events.</p>
)}
</div>
</div>
);
}
```

```
export default App;
```