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## index & script

1 message

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```
script
async function fetchData() {
  try {
    const response = await fetch('https://toxyu2j8cc.execute-api.us-east-1.amazonaws.com/dev/data');
    const apiResponse = await response.json();
    return JSON.parse(apiResponse.body);
  } catch (error) {
    console.error("Failed to acquire data:", error);
    return [];
  }
}
```

```
const chart = new ApexCharts(document.querySelector("#chart"), {
  chart: { type: 'line', height: 350 },
  series: [
    { name: 'Temperature (撈C)', data: [] },
    { name: 'Humidity (%)', data: [] }
  ],
  xaxis: { type: 'datetime' },
  yaxis: [
    { title: { text: 'Temperature (撈C)' } },
    { opposite: true, title: { text: 'Humidity (%)' } }
  ]
});
chart.render();
```

```
setInterval(async () => {
  const items = await fetchData();
  if (items.length === 0) return;

  chart.updateSeries([
    {
      name: 'Temperature (撈C)',
      data: items.map(d => [d.timestamp * 1000, d.temperature])
    },
    {
      name: 'Humidity (%)',
      data: items.map(d => [d.timestamp * 1000, d.humidity])
    }
  ]);
}, 10000);
```

```
index
<!DOCTYPE html>
<html>
<head>
  <title>Environmental Monitoring Dashboard</title>
  <script src="https://cdn.jsdelivr.net/npm/apexcharts"></script>
  <style>
    body {
      max-width: 1200px;
      margin: 20px auto;
      padding: 20px;
      font-family: Arial, sans-serif;
    }
    .chart-container {
      background: #f8f9fa;
      padding: 20px;
```

```
        border-radius: 10px;
        box-shadow: 0 2px 15px rgba(0,0,0,0.1);
        margin-top: 20px;
    }
    .status-panel {
        padding: 15px;
        border-radius: 8px;
        margin-bottom: 20px;
        text-align: center;
    }
    .normal { background: #d4edda; color: #155724; }
    .alert { background: #f8d7da; color: #721c24; }
    #chart {
        min-height: 400px;
    }
</style>
</head>
<body>
    <h1>Real-time Environmental Monitoring</h1>

    <div id="status" class="status-panel normal">
        <span class="loading-text">Loading initial data...</span>
        <div class="current-values">
            <span id="current-temp"></span>
            <span id="current-humi"></span>
        </div>
    </div>

    <div class="chart-container">
        <div id="chart"></div>
    </div>

    <script src="script.js"></script>
</body>
</html>
```