NAVIGATING THE JAVASCRIPT JUNGLE: A GUIDE TO ASYNC PROGRAMMING ⚙️🚀

Tips for a async programming

1

PROMISES PRIMER

```
const fetchData = () => {
    return new Promise((resolve, reject) => {
     // Async operation
     if (/* operation successful */) {
         resolve(data); }
     else { reject(error); }
    });
};
```

ASYNC/AWAIT ADVENTURES

```
const fetchData = async () => {
      try {
         const data = await fetch('api/data');
          // Handle data }
       catch (error) {
           // Handle error
              }
};
```

3

CALLBACK CONUNDRUM

```
fetchData((data, error) => {
        if (error) {
            // Handle error
        } else {
          // Handle data
        }
});
```

4

CHAINING PROMISES BRILLIANCE

```
fetchData()
      .then(response => response.json())
      .then(data => {
              // Handle data })
      .catch(error => {
            // Handle error });
```

5

PARALLEL PROMISES POWER

```
Promise.all([fetchData1(), fetchData2()])
        .then(results => {
              // Handle results })
        .catch(error => {
             // Handle error });
```

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