

promises
pending
fulfilled
Rejected

Asyn/Await
define a function that returns a promise

Await
pause execution until the promise resolves

Error Handling

promises use .catch() for error

Asyn/Await use try catch for error

Limitation

chaining in promises can be harder
to read for complex flows

Asyn/Await doesn't natively support
multiple concurrent tasks, use promise.all

parallelism

error handling for deeply nested operation
can get tricky in both approaches.

```
async function fetchData() {  
  try {  
    const result = await Promise.resolve  
      ("Sample Data");  
    console.log("Success:", result);  
  } catch (error) {  
    console.error("Error:", error);  
  }  
}
```

FetchData();