Utilizing JavaScript Exception Handling



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Module Goals



Handling exceptions

- try...catch statements
- finally statement

Throw a custom exception

Check for type of error



Exception Basics

```
try {
 // Some code that could fail
catch (error) {
  // Do something with the error
finally {
   // This code always runs
```

The try block is where you put code that could fail

An error object is passed to the catch block

The code in a finally block always runs



Demo



Simple try...catch block

Add a finally block



Throw

Can throw your own custom error

Create an object with at least two properties: "message" and "name"



Demo



Throw a custom error



Types of Errors

ReferenceError RangeError **TypeError URIError EvalError*** **SyntaxError**



Demo



Determine error type



Summary



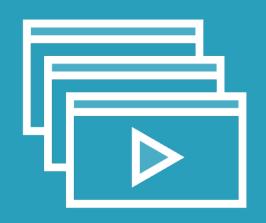
Always add try...catch around "dangerous" code

Use finally block if required

Throw custom errors to communicate specific information

Change how you handle errors based on the type of error





Coming up in the next module...

How to determine data types typeof operator instanceof operator

