

yes

Perfect 👍 Let's build a **comparison table with examples** for all the major **JavaScript error objects** — super useful for interviews.

◆ JavaScript Error Objects (with Examples)

| Error Type | When it Occurs | Example Code | Error Message |
|----------------|--|--|---|
| Error (Base) | Generic error object (base class) | <pre>js throw new Error("Something went wrong");</pre> | Error: Something went wrong |
| ReferenceError | Accessing a variable that is not defined | <pre>js console.log(x);</pre> | ReferenceError: x is not defined |
| TypeError | Invalid operation on a type (calling non-function, wrong property) | <pre>js let num = 5; num();</pre> | TypeError: num is not a function |
| SyntaxError | Code with invalid syntax (parsing stage, often caught via <code>eval</code>) | <pre>js eval("if(true { console.log('hi') }");</pre> | SyntaxError: Unexpected token '{' |
| RangeError | Number is outside the allowed range | <pre>js let arr = new Array(-5);</pre> | RangeError: Invalid array length |
| URIError | Using invalid parameters in <code>encodeURIComponent</code> / <code>decodeURI</code> | <pre>js decodeURI("%");</pre> | URIError: URI malformed |
| EvalError | Improper use of <code>eval()</code> (rare in modern JS) | <pre>js throw new EvalError("Eval error!");</pre> | EvalError: Eval error! |

+ Ask anything

