

ОБРАБОТКА ИСКЛЮЧЕНИЙ (ОШИБОК)

THROW

КОСТРУКТОР ERROR

1. EvalError
2. InternalError
3. RangeError
4. ReferenceError
5. SyntaxError
6. TypeError
7. URIError

TRY CATCH FINALLY


```
let checkname = name => {  
  if(name.trim().length > 0) return true;  
  
  throw new Error("Name should not be empty!");  
}  
  
try {  
  checkname(" ");  
} catch(e) {  
  console.error("name is not valid");  
}
```

```
let checkname = name => {  
  if(name.trim().length > 0) return true;  
  
  throw new Error("Name should not be empty!");  
}  
  
try {  
  checkname(" ");  
} finally {  
  console.log("do it anyway");  
}
```

ОБЕЩАНИЕ
(PROMISE)

СИНХРОННОСТЬ И АСИНХРОННОСТЬ

WINDOWTIMERS

```
// var timeoutID = window.setTimeout(func, delay, [param1, param2, ...]);  
  
// window.clearTimeout(timeoutID);  
  
setTimeout(function() {  
    console.log("hello everybody!");  
}, 1500);
```



```
// new Promise( /* executor */ function(resolve, reject) { ... } );  
  
let promise = new Promise(startTimeout);  
  
promise  
  .then(displayNumber)  
  .catch(displayError);  
  
// or  
  
promise  
  .then(displayNumber, displayError);
```

```
function startTimeout(resolve, reject) {  
  setTimeout(function() {  
    resolve(2000);  
  }, 2000);  
}  
  
function displayNumber(res) { console.info(`${res} ms`) }  
  
function displayError(err) { console.error(err) };
```


