

Objetivos

1. Explicar a diferença entre “throw” e “return”
2. Apresentar a implementação da declaração try/catch

Throw

```
function verificaPalindromo(string) {  
  if (!string) return "String inválida";  
  
  return string === string.split('').reverse().join('');  
}  
  
verificaPalindromo('cat');
```

```
function verificaPalindromo(string) {  
  if (!string) throw "String inválida";  
  
  return string === string.split('').reverse().join('');  
}  
  
verificaPalindromo('cat');
```

```
> function verificaPalindromo(string) {  
  if (!string) return "String inválida";  
  
  return string === string.split('').reverse().join('');  
}  
  
verificaPalindromo('');  
◀ "String inválida"
```

```
> function verificaPalindromo(string) {  
  if (!string) throw "String inválida";  
  
  return string === string.split('').reverse().join('');  
}  
  
verificaPalindromo('');  
✖ ▼Uncaught String inválida  
   verificaPalindromo @ VM307:2  
   (anonymous) @ VM307:7
```

Try...catch

```
function verificaPalindromo(string) {  
    if (!string) throw "String inválida";  
  
    return string ===  
    string.split('').reverse().join('');  
}  
  
function tryCatchExemplo(string) {  
    try {  
        verificaPalindromo(string)  
    }  
    catch(e) {  
        console.log(e)  
    }  
}  
  
tryCatchExemplo('');
```

```
> function verificaPalindromo(string) {  
    if (!string) throw "String inválida";  
  
    return string ===  
    string.split('').reverse().join('');  
}  
  
function tryCatchExemplo(string) {  
    try {  
        verificaPalindromo(string)  
    }  
    catch(e) {  
        console.log(e)  
    }  
}  
  
tryCatchExemplo('');  
String inválida
```

VM324:12

```

function verificaPalindromo(string) {
    if (!string) throw "String inválida";

    return string === string.split('').reverse().join('');
}

function tryCatchExemplo(string) {
    try {
        verificaPalindromo(string)
    }
    catch(e) {
        throw e;
    }
}

tryCatchExemplo('');

```

```

> function verificaPalindromo(string) {
    if (!string) throw "String inválida";

    return string ===
string.split('').reverse().join('');
}

function tryCatchExemplo(string) {
    try {
        verificaPalindromo(string)
    }
    catch(e) {
        throw e;
    }
}

tryCatchExemplo('');

```

✖ ▶ Uncaught String inválida

VM494:12

Finally

```
function verificaPalindromo(string) {
  if (!string) throw "String inválida";

  return string === string.split('').reverse().join('');
}

function tryCatchExemplo(string) {
  try {
    return verificaPalindromo(string)
  }
  catch(e) {
    throw e;
  }
  finally {
    console.log('A string enviada foi: ' + string);
  }
}

tryCatchExemplo('');
```

```
> function verificaPalindromo(string) {
  if (!string) throw "String inválida";

  return string === string.split('').reverse().join('');
}

function tryCatchExemplo(string) {
  try {
    return verificaPalindromo(string)
  }
  catch(e) {
    throw e;
  }
  finally {
    console.log('A string enviada foi: ' + string);
  }
}

tryCatchExemplo('');
```

A string enviada foi:

[VM1096:15](#)

✖ ▶ Uncaught String inválida

[VM1096:12](#)