Tratamento de Erros

Throw

```
function verificaPalindromo(string) {
    if (!string) return "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('cat');
```

```
> 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
```

Try...catch

DIGITAL INNOVATION ONE

```javascript
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

DIGITAL INNOVATION ONE

```javascript
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
```

Finally

DIGITAL INNOVATION ONE

```javascript
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('ala');
```

```javascript
> 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('ala');
  A string enviada foi: ala                    VM904:15
< true
```