



Training & Certification

Lab 12.2 - Create a Transform Stream

The labs-2 folder has an `index.js` file containing the following:

```
'use strict'
const { Readable, Writable, Transform, PassThrough, pipeline } =
require('stream')
const assert = require('assert')
const createWritable = () => {
  const sink = []
  const writable = new Writable({
    write(chunk, enc, cb) {
      sink.push(chunk.toString())
      cb()
    }
  })
  writable.sink = sink
  return writable
}
const readable = Readable.from(['a', 'b', 'c'])
const writable = createWritable()

// TODO: replace the pass through stream
// with a transform stream that uppercases
// incoming characters
const transform = new PassThrough()

pipeline(readable, transform, writable, (err) => {
  assert.ifError(err)
  assert.deepStrictEqual(writable.sink, ['A', 'B', 'C'])
})
```

```
    console.log('passed!')  
  })
```

Replace the line that states `const transform = new PassThrough()` so that `transform` is assigned to a transform stream that upper cases any incoming chunks. If successfully implemented the process will output: `passed!`