



NIM / Nama	: 181110301 / Erico
Nama Mata Kuliah	: Pemograman Web Lanjutan
Prodi / Peminatan / Kelas	: TI / MW / B Waktu Kuliah : Sore
Tugas	: T01-C- Mengimplementasikan metode async & sync, dan request & respon

Async

```
JS async.js X
T01_C > JS async.js > ...
1  var fs = require("fs");
2  let fileName = "tempFile.txt"
3
4  fs.open(fileName, "r", function(err, file){
5      if (err) throw err;
6
7      fs.readFile( fileName, (err, data)=>{
8          if(err) throw err;
9          console.log(data.toString("utf8"));
10      });
11
12
13  });
```

Menampilkan isi file "tempFile.txt" pada terminal

Sync

```
JS sync.js X
T01_C > JS sync.js > ...
1  var fs = require("fs");
2  let fileName = "tempFile.txt";
3  let addText = "\nSelesai";
4
5  try{
6      fs.appendFileSync(fileName, addText);
7      console.log("Berhasil ditambah");
8  }catch(err){
9      console.error(err);
10 }
```

Menambahkan tulisan "\nSelesai" pada file "tempFile.txt"

request & respon

```
JS ReqRes.js x
T01_C > JS ReqRes.js > ...
1  const http = require("http");
2
3  http
4  .createServer(function(req,res){
5
6      //Menampilkan request error
7      req.on("error", (err)=>{
8          console.error(err.stack);
9      })
10     req.end();
11
12     //Respon web client dengan error code 404
13     res.statusCode = 404;
14     res.end();
15 }).listen(3000)
```

