```javascript
const crypto = require('crypto'); // loads built-in module provided by nodejs

const start = Date.now();

crypto.pbkdf2("Welocme132", "topsecret", 100000, 512, "sha512", (err, pwd) => {
    console.log("1: ", Date.now() - start);
});

crypto.pbkdf2("Welocme132", "topsecret", 100000, 512, "sha512", (err, pwd) => {
    console.log("2: ", Date.now() - start);
});

crypto.pbkdf2("Welocme132", "topsecret", 100000, 512, "sha512", (err, pwd) => {
    console.log("3: ", Date.now() - start);
});

crypto.pbkdf2("Welocme132", "topsecret", 100000, 512, "sha512", (err, pwd) => {
    console.log("4: ", Date.now() - start);
});
```
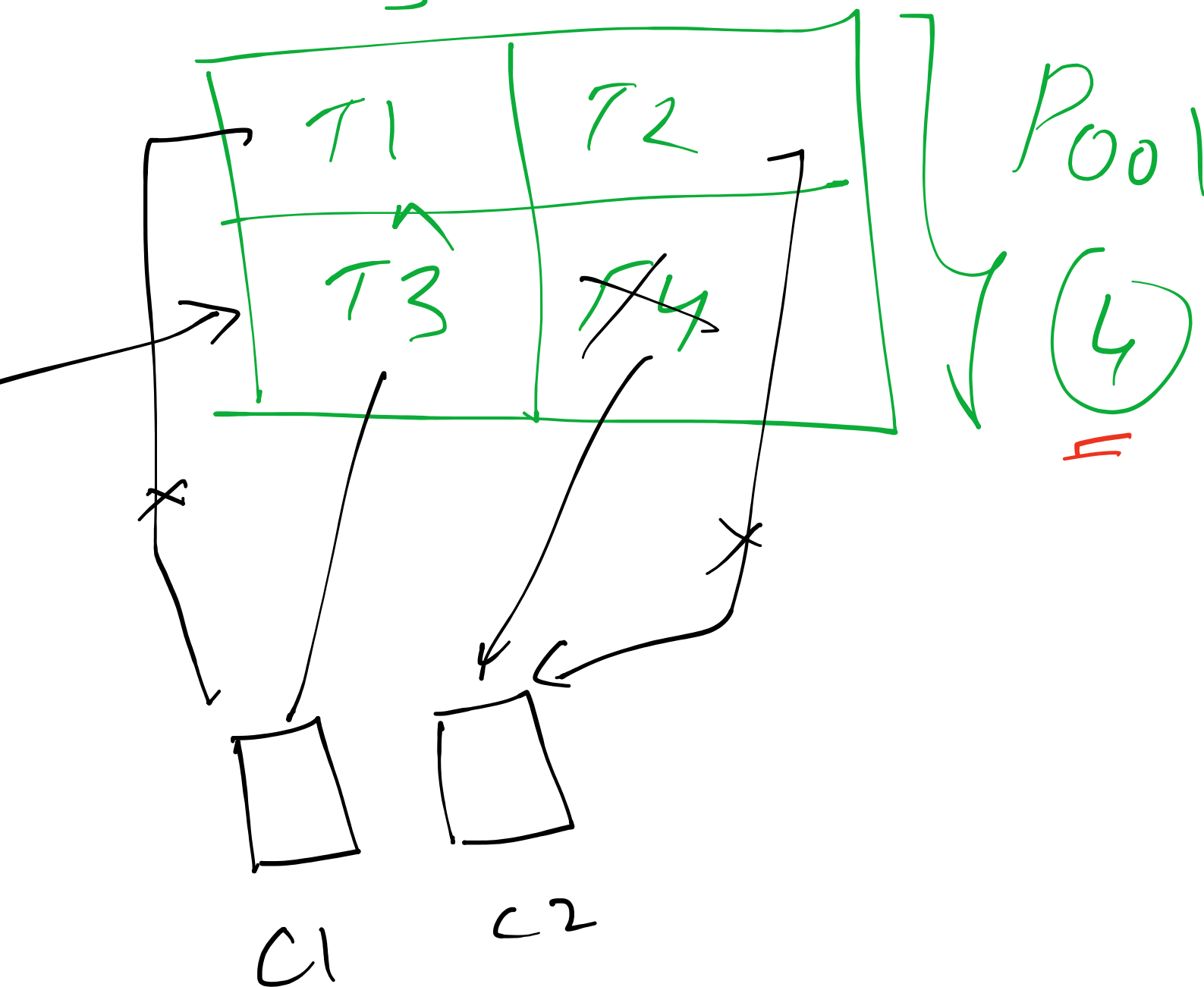
```
2:   321
1:   335
3:   352
4:   369
```

```
4:   285
2:   312
3:   313
1:   320
6:   592
5:   601
7:   602
8:   611
```

$\boxed{OB} \rightarrow CPUS \rightarrow Thread$

libuv

T1 | T2

T3 | T̶4̶

Pool (4)

C1   C2