Trivia

```
3   // begin timeout
4 ▾ setTimeout(function(){
5       console.info('1. Timeout');
6 ▲ }, 5000);
7
8   // generating the array
9   let a = Array.from({length: 10000000}, () => Math.random());
10  console.info('2. Array created');
11
12  // sorting the array
13  a.sort();
14  console.info('3. Array sorted');
```

In what order 1, 2 and 3 are going to be printed?

Synchronous and Asynchronous Function Calls

There are two types of function calls

- **Asynchronous** calls pushed to <u>the call stack</u>

- **Synchronous** calls pushed to <u>the event queue</u>