1. What will the output of following code and why?
   (https://jakearchibald.com/2015/tasks-microtasks-queues-and-schedules/) – also see the animated demo

```
(() => new Promise((resolve) => resolve('promise')))()
    .then((p) => console.log(p))
setTimeout(() => console.log('timeout'), 0);
setImmediate(() => console.log('immediate'));
queueMicrotask(() => console.log('microtask'));
process.nextTick(() => console.log('nexttick'));
```

2. What will be the output this time and why?

```
const fs = require('fs');
fs.readFile(__filename, () => {
    setTimeout(() => {
        console.log('timeout');
    }, 0);
    setImmediate(() => {
        console.log('immediate');
    });
});
```