

## Question 1: What will be outputs in ES module and CommonJS?

```
import fs from "fs";

process.nextTick(() => console.log('nextTick 1'));
Promise.resolve().then(() => console.log('promise 1'));
setImmediate(() => {
  console.log('setImmediate 1')
});

setTimeout(() => console.log('setTimeout 1'), 0);
fs.readFile('./files/input.txt', "utf-8", (err, data) => {
  if (err)
    console.log('there is an error. can not read from file');
  else {
    console.log(data);
  }
});
```

| Step | Output         | Explain  |
|------|----------------|--|
| 1    | promise 1      | Microtask > Promise queue first due to I/O operation |
| 2    | nextTick 1     | Microtask > Process > nextTick                       |
| 3    | setImmediate 1 |  |

|   |   |                      |
|---|---|----------------------|
| 4 | setTimeout 1                              |                      |
| 5 | There is an error. can not read from file | If read data fail    |
| 5 | Data content                              | If read data success |