

Quiz 01

Name:

Student Number:

/ 10

short answer questions: /4

1) briefly describe `process.nextTick()`

2) What are the four types of streams in NodeJS

code questions: /4

- 1) fill in the blanks to export and import a module using common js, assume that both files are in the same directory. The underscores and number of letters in the answer are not the same.

```
// file add.js

----- = {
  add (a, b) => {
    return a + b
  }
}
```

```
// file index.js
```

```
-----
```

- 2) explain what the output of the following code would be and why

```
const fs = require('fs')
```

```
let data = fs.readFile('./samptext.txt', (err, data) => {
  if (err) console.log(err)
})
```

```
let printData = `${data}`
```

```
fs.writeFile('data.txt', printData.trim(), 'utf8', (err) => {
  if (err) console.log(err)
})
```

multiple choice: (please circle the correct answer(s)) /2

1) NodeJS is single threaded

true

false

2) A callback is a

a function that calls itself until a condition is true

a function that is called when an event is complete

a function that calls the previous function

a function that is called as soon as an event starts

3) Which of the below are generally considered scripting languages

php

Lisp

Python

Go

4) the fs module is used to

write and read files

create new directories

check if a file exists

all of the above