"Introduction to Node JS"
Assignment Solutions

Relevel
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Assignment Solutions

1. Write a nodeJS program that would read content from the file and also append new content into the file.

JavaScript:

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

  const fileName = "example.txt"
  const stringToBeAppended = "Adding a new string to the
file\n"


  fs.open(fileName, "a", (err, fd) => {
      if (err) {
          console.log("Error while opening the file " +
err.message);
      } else {
          fs.write(fd, stringToBeAppended, (err, bytes) => {
              if (err) {
                  console.log("Error thrown while appending
characters" + err.message);
              } else {
                  console.log(bytes + ' bytes written
successfully');
              }
          })
      }
  })

  fs.readFile("example.txt", "utf8", function (err, Data) {
      console.log(data);
  })
```

Live code - https://codesandbox.io/s/node-js-forked-g6cso

2. Explore setTimeout and setInterval and write a program that would make use of setTimeout and call a function after 10 sec once the app starts, and setInterval would print number 1 to 10 after interval of 5 secs and then it should stop.

JavaScript:

```javascript
function appStart() {
  console.log("App started")
}

setTimeout(appStart, 10000)

function printNumbers() {
    for (let i = 0; i <= 10; ++i)
        console.log(i)
}

setInterval(printNumbers, 5000)
```

Live code - https://jsfiddle.net/shree998/h948fe0m/