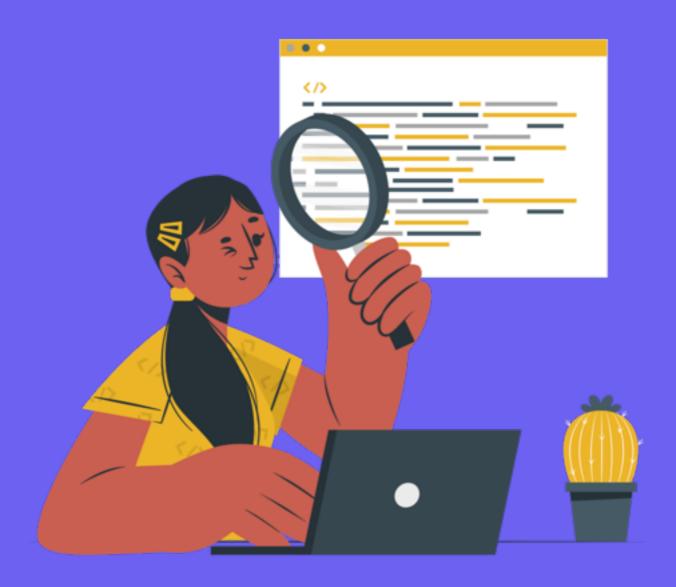
"Introduction to Node JS"

Assignment Solutions







Assignment Solutions

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

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);
```

Assignment Solutions



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:

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

setTimeout(appStart, 10000)

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

setInterval(printNumbers, 5000)</pre>
```

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