Assignment 7

Node.js

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Done By:

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Aim:

1. Write a Node.js program to do the following: a. Open a file.

b. Read the file.

c. Truncate the file.

d. Read the file.

e. Close the file.

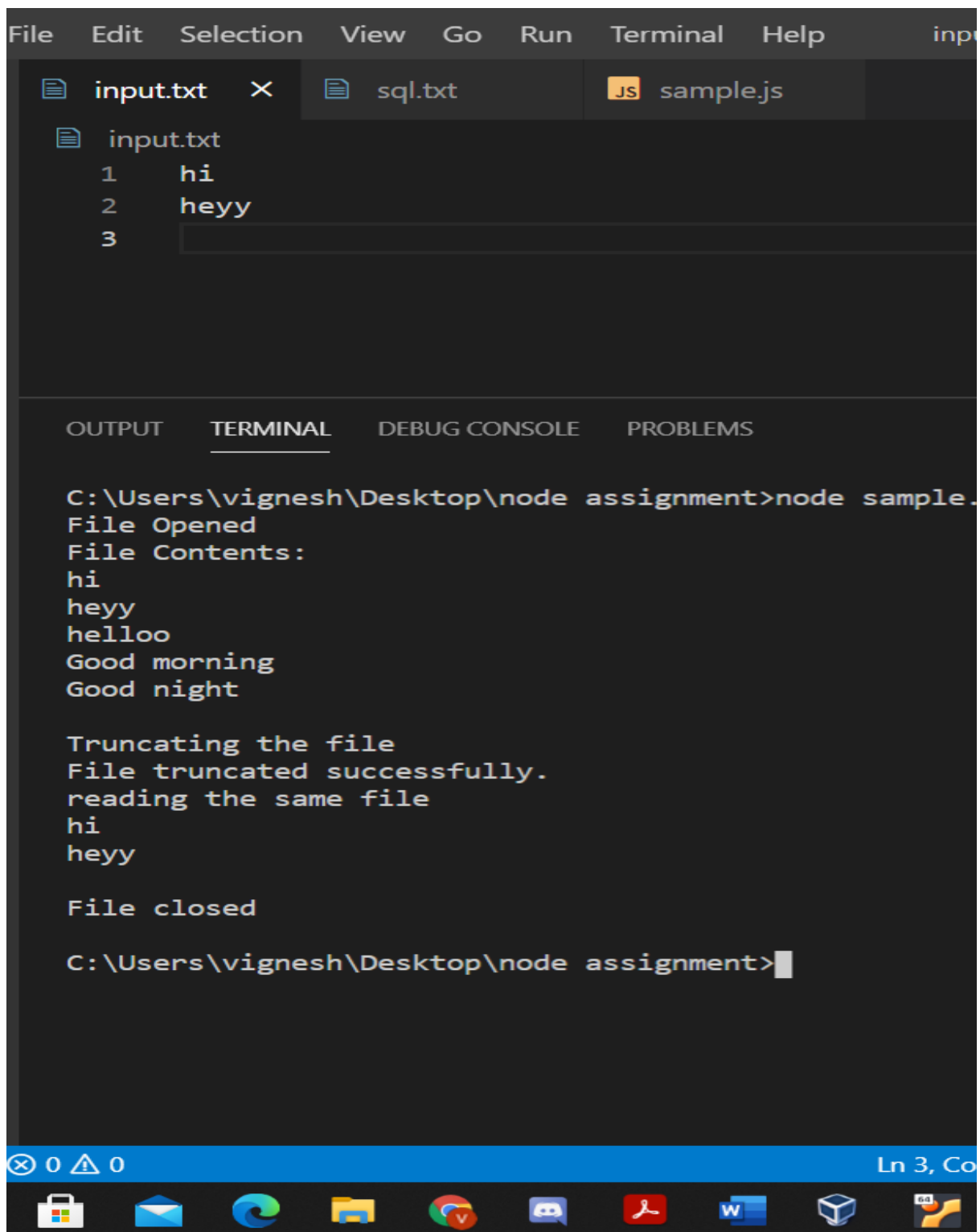After each read operation print the contents of the file to the console.

Program Code:

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Edit   Selection   View   Go   Run   Terminal   Help                    sample.js - node assignment -

 input.txt            sql.txt          JS  sample.js  ×

JS  sample.js >  fs.open("./input.txt", "r+") callback
  1     var fs = require("fs");
  2     var buf = Buffer.alloc(1024);
  3
  4     console.log("File Opened");
  5     fs.open("./input.txt", "r+", function(err, fd) {
  6         if (err) {
  7             return console.error(err);
  8         }
  9         console.log("File Contents:");
 10         var data = fs.readFileSync("./input.txt");
 11         console.log(data.toString());
 12         console.log("\nTruncating the file");
 13         fs.ftruncate(fd, 10, function(err) {
 14             if (err) {
 15                 console.log(err);
 16             }
 17             console.log("File truncated successfully.");
 18             console.log("reading the same file");
 19             fs.read(fd, buf, 0, buf.length, 0, function(err, bytes) {
 20                 if (err) {
 21                     console.log(err);
 22                 }
 23                 if (bytes > 0) {
 24                     console.log(buf.toString());
 25                 }
 26                 fs.close(fd, function(err) {
 27                     if (err) {
 28                         console.log(err);
 29                     }
 30                     console.log("File closed");
 31                 });
 32             });
 33         });
 34     });
```

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Output Snapshot: