Aim : Write a program in Node JS to :

      a. Create a file
      b. Read the data from file
      c. Write the data to a file
      d. Rename a file
      e. Append data to a file
      f. Delete a file

LO Mapped : LO 6

Code :

```javascript
const fs = require("fs");

//Create
fs.writeFile("darsh.txt", "Bonjour just created the file!!", (err) => {
  if (err) throw err;
  console.log("File created successfully.");
});

//write
const newData = "THis is the new data added Holla";
fs.writeFile("darsh.txt", newData, (err) => {
  if (err) throw err;
  console.log("Data written to the file successfully.");
});

//read
fs.readFile("darsh.txt", "utf8", (err, data) => {
  if (err) throw err;
  console.log("File contents:", data);
});

//rename
fs.rename("darsh.txt", "dmz.txt", (err) => {
  if (err) throw err;
  console.log("File renamed successfully.");
});

//append
const appendData = "\n Chess is passion in this passionate world";
fs.appendFile("dmz.txt", appendData, (err) => {
  if (err) throw err;
  console.log("Data appended to the file successfully.");
});
```
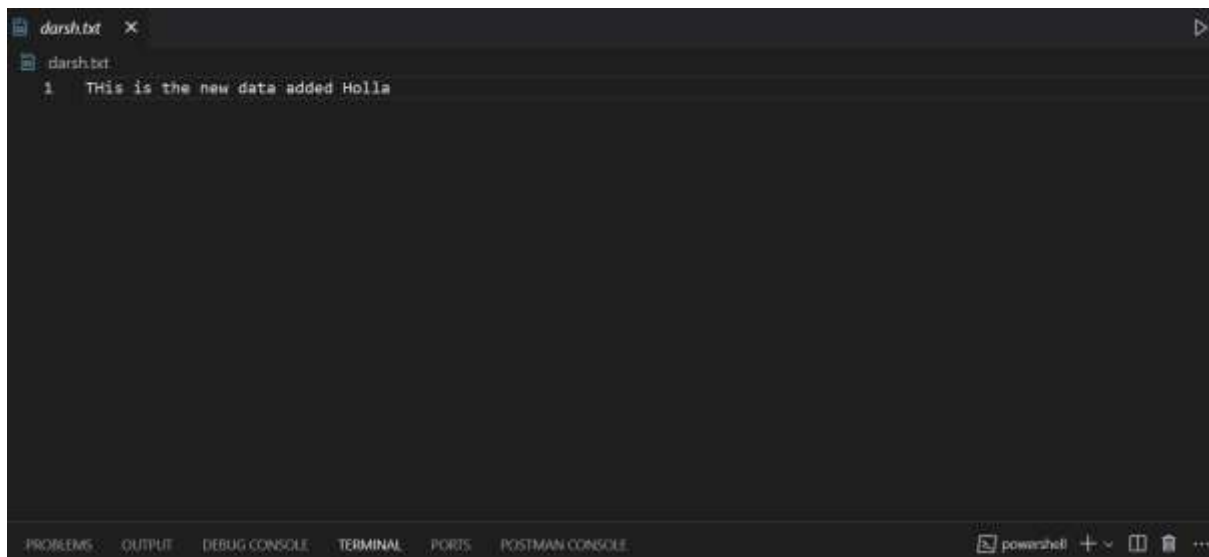
```
//create file and delete
fs.writeFile("del.txt", "Works on.", (err) => {
  if (err) throw err;
  console.log("File created successfully.");
});

fs.unlink("del.txt", (err) => {
  if (err) throw err;
  console.log("File deleted successfully.");
});
```

Output:

After running the rename operation and appending data: