**Practical No. 3**

**Exercise - Create an application to demonstrate Node.js Functions**

**Implementation:**

**Program:**

var http = require('http');

var fs = require('fs');

http.createServer(function(req, res) {

    var c = '';

    var reader1 = fs.createReadStream('./textfile.txt', 'utf8');

    // Specify encoding as 'utf8' when creating the ReadStream.

    // Handle errors with the 'error' event

    reader1.on('error', function(err) {

        // Change 'err' to 'error' and use 'on' directly for error handling

        console.log(err);

        res.statusCode = 500;

        res.end('Internal Server Error');

    });

    // Listen for the 'data' event to read the file content

    reader1.on('data', function(chunk) {

        c += chunk;

    });

    // Listen for the 'end' event to send the response when the file reading is complete

    reader1.on('end', function() {

        res.writeHead(200, { 'Content-Type': 'text/plain' });

         // Use 'writeHead' to set the status code

        res.write(c);

        res.end();

    });

}).listen(8083);

// http://localhost:8083/

**Output:**



