Name : Dhruvi Gandhi

Sem: 7

Roll no : 20

Div: A

Q1).



Hello NodeJS!!



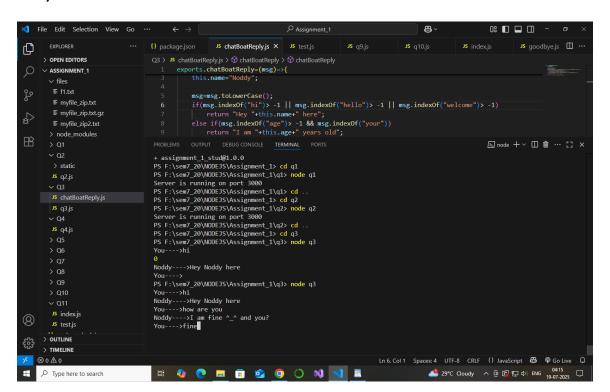
Q2).



Hello NodeJS inside static folder !!



Q3).



Q4).

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C
         EXPLORER
                                                                         JS chatBoatReply.js X JS test.js
                                                Q3 > JS chatBoatReply.js > 😯 chatBoatReply > 😚 chatBoatReply 1 exports.chatBoatReply=(msg)=>{
        > OPEN EDITORS

✓ ASSIGNMENT 1

                                                                this.name="Noddy";

√ files

                                                                if(msg.indexOf("hi")> -1 || msg.indexOf("hello")> -1 || msg.indexOf("welcome")> -1)
           .

≡ myfile_zip.txt.gz
                                                                return "Hey "+this.name+" here";
else if(msg.indexOf("age")> -1 && msg.indexOf("your"))
return "I am "+this.age+" years old";
          > node_modules

    □ powershell + ∨ □ 
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                                                  PS F:\sem7_20\NODEJS\Assignment_1\q1> node q1
                                                  Server is running on port 3000
PS F:\sem7_20\NODEJS\Assignment_1\q1> cd
                                                  PS F:\sem_Z0\NOOEJS\Assignment_1\q2\ cd ...
PS F:\sem_Z0\NOOEJS\Assignment_1\q2\ node q2
PS F:\sem_Z0\NOOEJS\Assignment_1\q2\ node q2
Server is running on port 3000
PS F:\sem_Z0\NOOEJS\Assignment_1\q2\ cd ...
PS F:\sem_Z0\NOOEJS\Assignment_1\q2\ cd ...
       JS chatBoatReply.js
                                                  PS F:\sem7 20\NODEJS\Assignment 1\q3> node q3
                                                  You--->
PS F:\sem7_20\NODEJS\Assignment_1\q3> node q3
                                                  You--->hi
Noddy--->Hey Noddy here
                                                  You--->how are you
Noddy--->I am fine ^_^ and you?
You--->fine
         JS index.js
JS test.js
                                                  PS F:\sem7_20\NODEJS\Assignment_1\q3> cd ..

PS F:\sem7_20\NODEJS\Assignment_1> cd q4

PS F:\sem7_20\NODEJS\Assignment_1\q4> node q4
> OUTLINE
                                                  File compressed
PS F:\sem7_20\NODEJS\Assignment_1\q4>
       > TIMELINE
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Q5).

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c
       EXPLORER
                                     JS q5.js X JS q6.js JS q7.mis {} package.json JS chatBoatReply.js JS test.js
                                                                                                                                                    JS q9.js
      > OPEN EDITORS
                                       Q5 > J5 q5.js > ..
                                         const fs=require("fs");
const zlib=require("zlib");

✓ ASSIGNMENT 1

✓ files

                                        fs.createReadStream("../files/myfile_zip.txt.gz")
pipe(zlib.createGunzip())
pipe(fs.createWriteStream("../files/myfile_zip2.txt"));

■ myfile_zip.txt.gz

         8 console.log("File unziped");
        > node_modules

    □ powershell + ∨ □ 
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                                       PS F:\sem7_20\NODEJS\Assignment_1\q2> node q2
                                       Server is running on port 3000
PS F:\sem7_20\NODEJS\Assignment_1\q2> cd
PS F:\sem7_20\NODEJS\Assignment_1> cd q3
         > static
         JS g2.js
                                       PS F:\sem7_20\NODEJS\Assignment_1\q3> node q3
You--->hi
         JS chatBoatReply.js
         JS q3.js
                                        Noddy---->Hey Noddy here
         JS q4.js
                                       PS F:\sem7 20\NODEJS\Assignment 1\q3> node q3
                                       Noddy---->Hey Noddy here
                                        You--->how are you
Noddy--->I am fine ^_^ and you?
                                        You--->fine
                                       PS F:\sem7_20\NODEJS\Assignment_1\q3> cd .
PS F:\sem7_20\NODEJS\Assignment_1> cd q4
                                       PS F:\sem7_20\NODEJS\Assignment_1\q4> node q4
File compressed
                                        PS F:\sem7 20\NODEJS\Assignment 1\q4> cd
        JS index.js
                                       PS F:\sem7_20\NODEJS\Assignment_1> cd q5
PS F:\sem7_20\NODEJS\Assignment_1\q5> node q5
> OUTLINE
                                        File unziped
      > TIMELINE
                                        PS F:\sem7_20\NODEJS\Assignment_1\q5>
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Q6).

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C
        EXPLORER
                                                                 JS q6.js
                                                                                                          ≡ unlink_file.txt × Js q7.mjs
       > OPEN EDITORS
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Start typing to dismiss or don't show this again.

✓ ASSIGNMENT 1

√ files

 f1.txt

■ myfile_zip.txt.gz

         > node modules
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                                              Noddy---->I am fine ^_^ and you?
                                              You---->fine
PS F:\sem7_20\NODEJS\Assignment_1\q3> cd
                                              PS F:\sem7_20\NODEJS\Assignment_1> cd q4
PS F:\sem7_20\NODEJS\Assignment_1\q4> node q4
          JS chatBoatReply.js
                                              File compressed
                                              PS F:\sem7_20\NODEJS\Assignment_1\q4> cd
PS F:\sem7_20\NODEJS\Assignment_1> cd q5
                                              PS F:\sem7_20\NODEJS\Assignment_1\q5> node q5
                                              File unziped
PS F:\sem7_20\NODEJS\Assignment_1\q5> cd
                                              PS F:\sem7_20\NODEJS\Assignment_1> cd q5
PS F:\sem7_20\NODEJS\Assignment_1\q5> cd
                                              PS F:\sem7_20\NODEJS\Assignment_l> cd q6
PS F:\sem7_20\NODEJS\Assignment_1\q6> node q6
[Error: ENOENT: no such file or directory, unlink 'F:\sem7_20\NODEJS\Assignment_1\files\unlink_file.txt'] {
                                                erno: -4058,
code: 'ENDENT',
syscall: 'unlink',
path: 'F:\\sem7_20\\\MODEJS\\Assignment_1\\files\\unlink_file.txt'
                                              PS F:\sem7 20\NODEJS\Assignment 1\q6> node q6
> OUTLINE
                                              [ 'File deleted' ]
PS F:\sem7_20\NODEJS\Assignment_1\q6>
       > TIMELINE
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Q7).

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                                                                          JS q6.js
                                                                                                                           ≡ unlink file.txt
                                                                                                                                                     JS q7.mjs X {} package.json
C
          EXPLORER
                                                    Q7 > J5 q7.mjs > 😙 fetch_google

import fetch from "node-fetch";

async function fetch google() {
        > OPEN EDITORS
       V ASSIGNMENT 1

√ files

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                                                     PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

f1.txt
                                                     PS F:\sem7_20\NODEJS\Assignment_1\q6> cd ..
PS F:\sem7_20\NODEJS\Assignment_1\> cd q7
PS F:\sem7_20\NODEJS\Assignment_1\q7> node q7.mjs
            ≡ myfile_zip.txt.gz
☆
                                                     > node modules
            > static
                                                              __readualistate [_neadualistate],
_events: [Object: null prototype],
_eventsCount: 6,
_maxListeners: undefined,
_writableState: [WritableState],
allowHolfOpen: true,
            JS chatBoatReply.js
           JS q3.js
                                                     allownallyell true,
bytesWritten: 0,
    _handle: [Zlib],
    _utBuffer: (8uffer f0 d9 bb b0 45 01 00 00 d0 db b9 b0 45 01 00 00 38 40 00 00 00 00 00 00 18 20 00 00 30 00 00 0

8 83 2a 6b 04 5 01 00 00 a8 32 a6 b0 45 01 00 00 2d 20 ... 16334 more bytes>,
    _utbufferet: 0,
    _chunkSize: 16384,
           JS q4.js
           JS q5.js
           JS q6.js
                                                              _defaultFlushFlag: 2,
_finishFlushFlag: 2,
_defaultFullFlushFlag: 3,
                                                               _info: undefined,
_maxOutputLength: 4294967296,
                                                               _level: -1,
_strategy: 0,
> OUTLINE
                                                              [Symbol(kCapture)]: false,
[Symbol(kCallback)]: null,
[Symbol(kError)]: null
        > TIMELINE
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Q8).

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                                                                                                                                                JS hello.js × □ ···
ф
       EXPLORER
                                                          JS test.js
      > OPEN EDITORS
                                     Q8 > JS hello.js
    ✓ ASSIGNMENT_1
                                       1 console.log("Hello!");

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                                      PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
       JS q2.js
        JS chatBoatReply.js
                                          counter: 0,
highWaterMark: 16384
                                      PS F:\sem7_20\NODEJS\Assignment_1\q7> cd ..
PS F:\sem7_20\NODEJS\Assignment_1> cd q8
PS F:\sem7_20\NODEJS\Assignment_1\q8> npm run server
                                      > assignment_1_stud@1.0.0 server
                                      hello server file
                                      PS F:\sem7_20\NODEJS\Assignment_1\q8> npm run goodbye
                                      > assignment 1 stud@1.0.0 goodbye
                                      > node Q8/goodbye
                                      Good Bye
PS F:\sem7_20\NODEJS\Assignment_1\q8> npm run status
                                      > assignment_1_stud@1.0.0 status
> node Q8/status
    JS index.is
> OUTLINE
                                      What's the status?
PS F:\sem7_20\NODEJS\Assignment_1\q8>
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Q9).

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                                                                                              JS q9.js
C
        > OPEN EDITORS

✓ ASSIGNMENT_1

                                                        fs.rename('../files/file1.txt', '../files/f1.txt', function (err) {
   if (err) throw err;
   console.log('File Renamed!');
          JS q4.js
                                                fs.unlink('../files/f1.txt', function (err) {

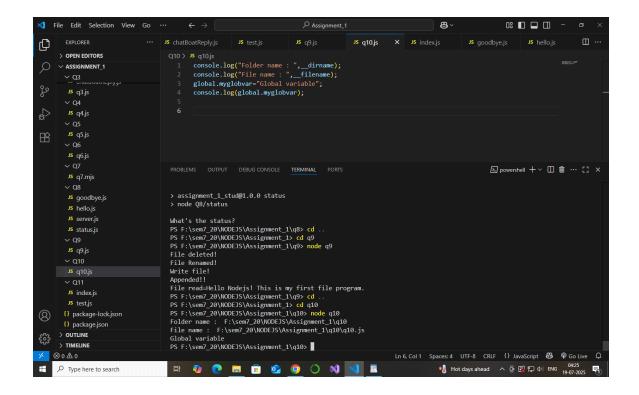
if (err) throw err;

console.log('File deleted!');
          JS q6.js

    □ powershell + ∨ □ □ □ ··· □ ×

                                                Good Bye
PS F:\sem7_20\NODEJS\Assignment_1\q8> npm run status
          JS goodbye.js
          JS hello.js
                                                > assignment_1_stud@1.0.0 status
> node Q8/status
                                               What's the status?
PS F:\sem7_20\NODEJS\Assignment_1\q8> cd ..
PS F:\sem7_20\NODEJS\Assignment_1> cd q9
PS F:\sem7_20\NODEJS\Assignment_1\q9> node q9
File deleted!
File Renamed!
Write file!
Accorded!
          JS index.js
         {} package-lock.json
                                                Appended!!
File read=Hello Nodejs! This is my first file program.
PS F:\sem7_20\NODEJS\Assignment_1\q9>
(1) package.json
> OUTLINE > TIMELINE
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Q10).



Q11).

