

```
JS activity2.js > ...
1 // const fs = require('fs');
2
3 // const data1 = {
4 //   name: 'John Doe',
5 //   age: 30,
6 //   occupation: 'Software Engineer'
7 // };
8
9 // fs.writeFile('data.json', JSON.stringify(data1), (err) => {
10 //   if (err) throw err;
11 //   console.log('Data written to file');
12 // });
13
14
15 //writing to stream
16 // var fs=require("fs");
17 // var data='simply easy learning';
18 // var writerStream=fs.createWriteStream('lpu.txt');
19 // writerStream.write(data,'utf8');
20 // writerStream.end();
21 // writerStream.on('finish',function(){
22 //   console.log("welcome to lovely professional university");
23 // });
24
25
26 // var zlib=require('zlib');
27 // var fs=require('fs');
28 // var gzip=zlib.Gzip();
29 // var r=fs.createReadStream('lpu.txt');
30 // var w=fs.createWriteStream('lpu.txt.gz');
31 // r.pipe(gzip).pipe(w);
32
33
34
35
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JS activity2.js > ...
35
36 // //writing to stream
37 // var fs=require("fs");
38 // var data='simply easy learning';
39 // var readableStream=fs.createWriteStream('lpu.txt');
40 // readableStream.write(data,'utf8');
41 // readableStream.end();
42 // readableStream.on('finish',function(){
43 //   console.log("write completed");
44 // });
45 // readableStream.on('error',function(err){
46 //   console.log(err.stack);
47 // });
48
49
50 // //writing to stream
51 // var fs=require("fs");
52 // var data='simply easy learning';
53 // var copy=fs.createWriteStream("lpu.txt");
54 // readableStream.write(data,'utf8');
55 // readableStream.end();
56 // readableStream.on('finish',function(){
57 //   console.log("write completed");
58 // });
59 // readableStream.on('error',function(err){
60 //   console.log(err.stack);
61 // });
62
63
64 //compression data using brotli
65
66
67 // var zlib=require('zlib');
68 // var fs=require('fs');
69 // var brot=zlib.createBrotliCompress();
70 // var r=fs.createReadStream('lpu.txt');
```

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JS activity2.js > ...
64
65 //compression data using brotli
66
67 // var zlib=require('zlib');
68 // var fs=require('fs');
69 // var brot=zlib.createBrotliCompress();
70 // var r=fs.createReadStream('lpu.txt');
71 // var w=fs.createWriteStream('lpu.txt.gz');
72 // r.pipe(brot).pipe(w);
73
74
75
76 //copy module
77 // var fs = require('fs');
78 // var read = fs.createReadStream('lpu.txt');
79 // var write = fs.createWriteStream('lpu_copy.txt');
80 // read.pipe(write);
81 // write.on('finish', function() {
82 //     console.log('File copied successfully.');
```

```
94 // });
95
96
97 //close function
98 var zlib = require('zlib');
99 var fs = require('fs');
100
101 var brotliCompress = zlib.createBrotliCompress();
102 var r = fs.createReadStream('lpu.txt');
103 var w = fs.createWriteStream('lpu.txt.br');
104
105 r.pipe(brotliCompress).pipe(w);
106
107 w.on('close', function () {
108     console.log('File compression completed.');
```