

Exercise 1

'www.mim.edu' the domain is unreachable and callback parameter which is error throws exception inside the if condition. So i tried with different domains and i was able to get address.

```
const dns = require('dns');

dns.lookup('www.mim.edu', (err, address) => {
  if(err) throw err;
  console.log('address: %j', address);
});
```

Exercise 2

I had no problem to complete this exercises. As far as i understand i have to use stream on the big files and pipe method to send the data to a Writable. Also i tried other ways such us fs.readFileSync() and fs.readFile().

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

const server = http.createServer();
server.on('request', function(req, res){
  fs.createReadStream("bigImage.jpg").pipe(res);
})

console.log("Server is running on port 3000 ...");
server.listen(3000);
```

Exercise 3

I've tried both ways compress and unzip. Interesting thing is file size was not decreasing after i compressed file.

<pre>const fs = require('fs'); const zlib = require('zlib'); const gzip = zlib.createGzip(); const readable = fs.createReadStream(__dirname + '/ bigImage.jpg'); readable.pipe(gzip).pipe(fs.createWriteStream(__dirname + '/ bigImage.jpg.gz'));</pre>	<pre>var fs = require("fs"); var zlib = require('zlib'); fs.createReadStream('./ bigImage.jpg.gz') .pipe(zlib.createGunzip()) .pipe(fs.createWriteStream('./ bigImage.jpg'));</pre>
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