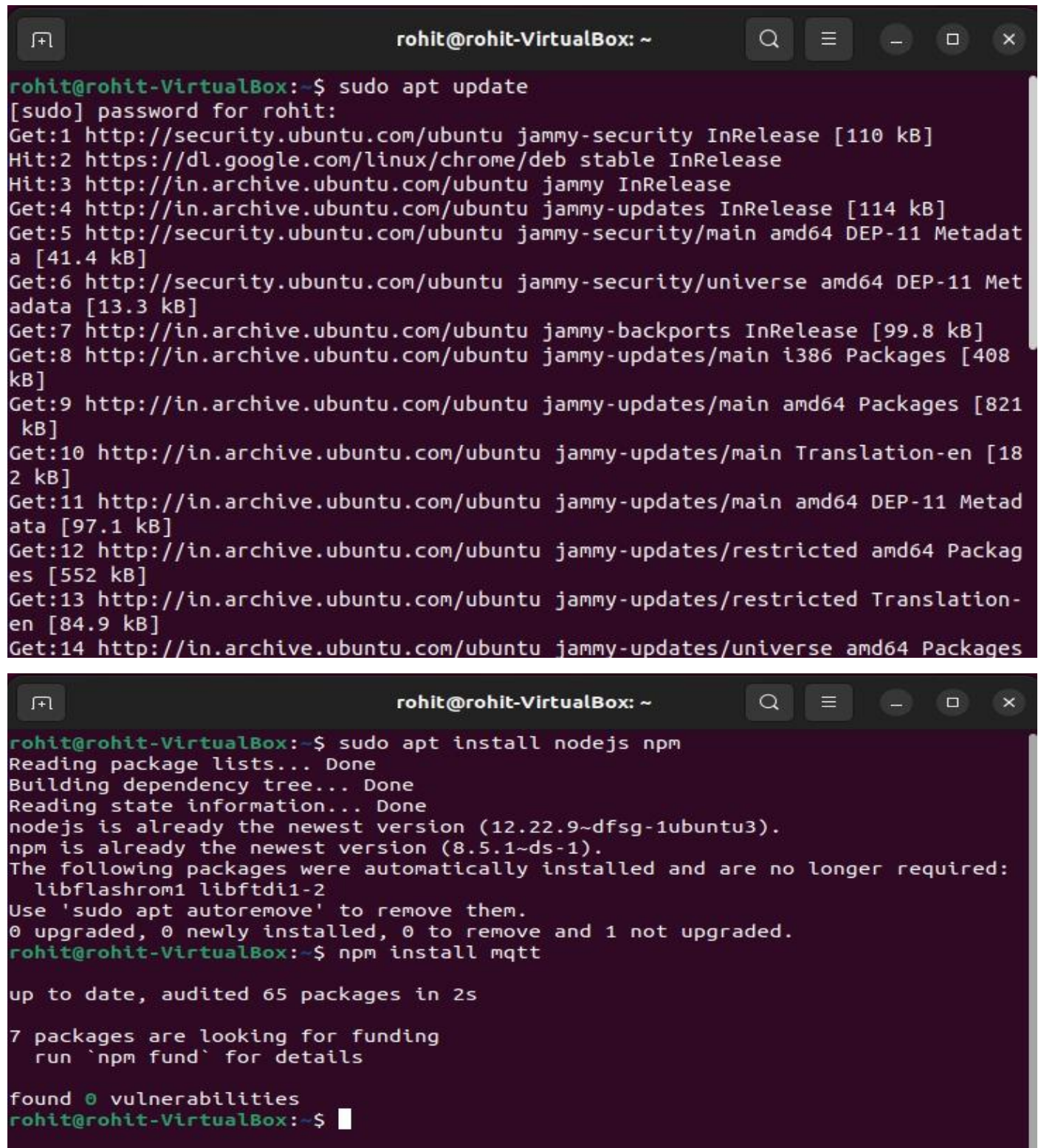


CPS System Design - CSE2034HTTP Server CreationExperiment - 1

```
rohit@rohit-VirtualBox: ~  
rohit@rohit-VirtualBox:~$ sudo apt update  
[sudo] password for rohit:  
Get:1 http://security.ubuntu.com/ubuntu jammy-security InRelease [110 kB]  
Hit:2 https://dl.google.com/linux/chrome/deb stable InRelease  
Hit:3 http://in.archive.ubuntu.com/ubuntu jammy InRelease  
Get:4 http://in.archive.ubuntu.com/ubuntu jammy-updates InRelease [114 kB]  
Get:5 http://security.ubuntu.com/ubuntu jammy-security/main amd64 DEP-11 Metadata [41.4 kB]  
Get:6 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 DEP-11 Metadata [13.3 kB]  
Get:7 http://in.archive.ubuntu.com/ubuntu jammy-backports InRelease [99.8 kB]  
Get:8 http://in.archive.ubuntu.com/ubuntu jammy-updates/main i386 Packages [408 kB]  
Get:9 http://in.archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [821 kB]  
Get:10 http://in.archive.ubuntu.com/ubuntu jammy-updates/main Translation-en [182 kB]  
Get:11 http://in.archive.ubuntu.com/ubuntu jammy-updates/main amd64 DEP-11 Metadata [97.1 kB]  
Get:12 http://in.archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 Packages [552 kB]  
Get:13 http://in.archive.ubuntu.com/ubuntu jammy-updates/restricted Translation-en [84.9 kB]  
Get:14 http://in.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
nodejs is already the newest version (12.22.9~dfsg-1ubuntu3).  
npm is already the newest version (8.5.1~ds-1).  
The following packages were automatically installed and are no longer required:  
  libflashrom1 libftdi1-2  
Use 'sudo apt autoremove' to remove them.  
0 upgraded, 0 newly installed, 0 to remove and 1 not upgraded.  
rohit@rohit-VirtualBox:~$ npm install mqtt  
up to date, audited 65 packages in 2s  
  
7 packages are looking for funding  
  run `npm fund` for details  
  
found 0 vulnerabilities  
rohit@rohit-VirtualBox:~$
```

Open ▾

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first.js
~/

Save

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```
1 var http = require('http');
2
3 http.createServer(function(req,res){
4 }).listen(9080);
5 console.log("Server Started");
```

rohit@rohit-VirtualBox:~\$ gedit first.js
rohit@rohit-VirtualBox:~\$ node first.js
Server Started

Open ▾

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second.js
~/

Save

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```
1 var http = require('http');
2
3 http.createServer(function(req,res){
4     res.writeHead(200,{"Content-Type":"text/html"});
5     res.write("<h3>Is this code correct ?<h3>");
6     res.end();
7 }).listen(8080);
8 console.log("Server Started");
```

+

rohit@rohit-VirtualBox: ~

Q

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```
rohit@rohit-VirtualBox:~$ gedit second.js  
rohit@rohit-VirtualBox:~$ node second.js  
Server Started
```

localhost:8080 x +

← → ↻ ⓘ localhost:8080

Gmail YouTube Maps

Is this code correct ?

