```
Last login: Fri Apr 17 19:23:03 on ttys002
pranavpatil@Pranav-MacBook-Pro ~ % ls
152project              Pictures                eatsyscall.asm
ANTLR                   Postman                 eatsyscall.lst
AnacondaProjects        Public                  eatsyscall.o
AndroidStudioProjects   SCE Core                eclipse
Applications            SCE Dev                 eclipse-workspace
Creative Cloud Files    SJSU-Dev                example
Desktop                 Untitled.ipynb          filename
Documents               VirtualBox VMs          filename.pub
Downloads               anaconda                firstnote.ipynb
Library                 dev_list_1.txt          ngnix
Movies                  dhcpcd.conf             scesetup.key
Music                   eatsyscall.1st
pranavpatil@Pranav-MacBook-Pro ~ % cd Documents/MS/SPRING2020/CMPE275
pranavpatil@Pranav-MacBook-Pro CMPE275 % ls
Distributed-Systems-P2P-Network         lab_1__bare_metal_comms_export
RL1Submission                           lab_1__bare_metal_comms_export.zip
RL_1                                    slides
grpc-route-blocking                     socket-improved
grpc-route-blocking.tar.bz2             socket-improved.tar.bz2
grpc-route-queue
pranavpatil@Pranav-MacBook-Pro CMPE275 % cd RL_1
pranavpatil@Pranav-MacBook-Pro RL_1 % ls
RL1           RL2           backend       multercaller.js reverseone
pranavpatil@Pranav-MacBook-Pro RL_1 % cd RL2
pranavpatil@Pranav-MacBook-Pro RL2 % ls
PresentationGraph.xlsx  node_modules          redis-stable
README.md               package-lock.json     results_run_logs
index.js                package.json          server.js
pranavpatil@Pranav-MacBook-Pro RL2 % ls
PresentationGraph.xlsx  node_modules          redis-stable
README.md               package-lock.json     results_run_logs
index.js                package.json          server.js
pranavpatil@Pranav-MacBook-Pro RL2 % git status
On branch pranav
Your branch is up to date with 'origin/pranav'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        modified:   index.js

no changes added to commit (use "git add" and/or "git commit -a")
pranavpatil@Pranav-MacBook-Pro RL2 % ls
PresentationGraph.xlsx  node_modules          redis-stable
README.md               package-lock.json     results_run_logs
index.js                package.json          server.js
pranavpatil@Pranav-MacBook-Pro RL2 % node index.js
**************** LeaderElected ******************
4801
**************** LeaderElected ******************
4850
**************** LeaderElected ******************
4904
**************** LeaderElected ******************
4959
**************** LeaderElected ******************
5013
**************** LeaderElected ******************
5067
**************** Committed ******************
{
  term: 3,
  data: 'Pranav',
  id: '67860ca5-a9b2-45fc-bda0-6de177c83173_55909cda-2641-4f45-9ac9-00cca5a3e776'
}
**************** Committed ******************
{
  term: 3,
  data: 'Shivani',
  id: '67860ca5-a9b2-45fc-bda0-6de177c83173_13ca2570-edbb-428b-98c8-e02da12f2a54'
}
**************** Committed ******************
{
  term: 3,
  data: 'Sachin',
  id: '67860ca5-a9b2-45fc-bda0-6de177c83173_3c3430b0-fc5e-4df2-b4d1-723e0d37f30a'
}
**************** Committed ******************
{
  term: 3,
  data: 'John',
  id: '67860ca5-a9b2-45fc-bda0-6de177c83173_b53871e6-7ad1-45c8-810e-40812f583beb'
}
Pranav
Shivani
Sachin
John
**************** LeaderElected ******************
5119
**************** LeaderElected ******************
5171
**************** LeaderElected ******************
5227
**************** LeaderElected ******************
5282
**************** LeaderElected ******************
5337
^C
pranavpatil@Pranav-MacBook-Pro RL2 % node index.js
**************** LeaderElected ******************
7453
**************** LeaderElected ******************
7502
**************** LeaderElected ******************
7555
**************** LeaderElected ******************
7608
**************** LeaderElected ******************
7664
**************** LeaderElected ******************
7719
**************** Committed ******************
{
  term: 5,
  data: 'Pranav',
  id: 'd6abf43a-5513-44cf-b258-703db2a57a8a_17efdbc1-9aea-4fd5-ba0e-e60500b8d742'
}
**************** Committed ******************
{
  term: 5,
  data: 'Shivani',
  id: 'd6abf43a-5513-44cf-b258-703db2a57a8a_b2544090-c896-4fa6-9ec7-ed30e7d01961'
}
**************** Committed ******************
{
  term: 5,
  data: 'Sachin',
  id: 'd6abf43a-5513-44cf-b258-703db2a57a8a_5b0522c7-0cfa-4228-a66b-7b19e049d196'
}
**************** Committed ******************
{
  term: 5,
```

```
  data: 'John',
  id: 'd6abf43a-5513-44cf-b258-703db2a57a8a_b8da2b0c-6914-4d18-812c-323818ed2444'
}
Pranav
Shivani
Sachin
John
***************** LeaderElected ******************
7771
***************** LeaderElected ******************
7824
***************** LeaderElected ******************
7880
***************** LeaderElected ******************
7932
***************** LeaderElected ******************
7985
***************** LeaderElected ******************
8038
^C
pranavpatil@Pranav-MacBook-Pro RL2 % node index.js
***************** LeaderElected ******************
1553
***************** LeaderElected ******************
1606
***************** LeaderElected ******************
1660
***************** LeaderElected ******************
1715
***************** LeaderElected ******************
1769
***************** LeaderElected ******************
1823
***************** Committed ******************
{
  term: 2,
  data: 'Pranav',
  id: '6d231729-292a-419c-9d99-70f0c88bec49_bc66371a-fda9-42d2-9d81-9ece7cfec94a'
}
***************** Committed ******************
{
  term: 2,
  data: 'Shivani',
  id: '6d231729-292a-419c-9d99-70f0c88bec49_b87298fc-0ef1-4726-aae2-f9e83bfcf827'
}
***************** Committed ******************
{
  term: 2,
  data: 'Sachin',
  id: '6d231729-292a-419c-9d99-70f0c88bec49_a0df2718-82dc-4f3c-a228-746be05a7327'
}
***************** Committed ******************
{
  term: 2,
  data: 'John',
  id: '6d231729-292a-419c-9d99-70f0c88bec49_ea4a6d7c-f2b3-4f17-9487-6b22997f1c7f'
}
Pranav
Shivani
Sachin
John
***************** LeaderElected ******************
1876
***************** LeaderElected ******************
1931
***************** LeaderElected ******************
1985
***************** LeaderElected ******************
2038
***************** LeaderElected ******************
2091
***************** LeaderElected ******************
2147
***************** LeaderElected ******************
2201
***************** LeaderElected ******************
2251
***************** LeaderElected ******************
2305
***************** LeaderElected ******************
2359
***************** LeaderElected ******************
2411
^C
pranavpatil@Pranav-MacBook-Pro RL2 % node index.js
***************** LeaderElected ******************
1278
***************** LeaderElected ******************
1326
***************** LeaderElected ******************
1379
***************** LeaderElected ******************
1433
***************** LeaderElected ******************
1484
***************** LeaderElected ******************
1537
***************** Committed ******************
{
  term: 1,
  data: 'Pranav',
  id: '99606938-752e-45de-b656-b6076a1337e2_7e6b512f-1da1-44bb-b5d1-0e31173eecee'
}
***************** Committed ******************
{
  term: 1,
  data: 'Shivani',
  id: '99606938-752e-45de-b656-b6076a1337e2_bfc0e0a7-deea-4521-b802-e82591ae8138'
}
***************** Committed ******************
{
  term: 1,
  data: 'Sachin',
  id: '99606938-752e-45de-b656-b6076a1337e2_8755bfe7-37d8-47ed-940f-46b161413468'
}
***************** Committed ******************
{
  term: 1,
  data: 'John',
  id: '99606938-752e-45de-b656-b6076a1337e2_29cb5fe4-db32-4e58-a55f-69ec75331e76'
}
Pranav
Shivani
Sachin
John
***************** LeaderElected ******************
1593
***************** LeaderElected ******************
1647
***************** LeaderElected ******************
1700
***************** LeaderElected ******************
1752
***************** LeaderElected ******************
1807
```

```
***************** LeaderElected ******************
1862
***************** LeaderElected ******************
1917
***************** LeaderElected ******************
1972
***************** LeaderElected ******************
2025
^C
pranavpatil@Pranav-MacBook-Pro RL2 % node index.js
***************** LeaderElected ******************
1253
***************** LeaderElected ******************
1304
***************** LeaderElected ******************
1358
***************** LeaderElected ******************
1413
***************** LeaderElected ******************
1465
***************** LeaderElected ******************
1518
***************** Committed ******************
{
  term: 1,
  data: 'Pranav',
  id: 'f04fddf8-0786-4a85-8547-52e052210aa3_10f01d09-e577-4bbb-be7e-4176e2857e4c'
}
***************** Committed ******************
{
  term: 1,
  data: 'Shivani',
  id: 'f04fddf8-0786-4a85-8547-52e052210aa3_4cd0d168-2968-4c24-9738-bef99ba72b41'
}
***************** Committed ******************
{
  term: 1,
  data: 'Sachin',
  id: 'f04fddf8-0786-4a85-8547-52e052210aa3_424156c6-1279-4cfc-9353-82c65fdec6fd'
}
***************** Committed ******************
{
  term: 1,
  data: 'John',
  id: 'f04fddf8-0786-4a85-8547-52e052210aa3_a3f6d8fb-bc92-440c-99c7-744eda9c220b'
}
Pranav
Shivani
Sachin
John
***************** LeaderElected ******************
1574
***************** LeaderElected ******************
1627
***************** LeaderElected ******************
1681
***************** LeaderElected ******************
1736
***************** LeaderElected ******************
1790
***************** LeaderElected ******************
1844
***************** LeaderElected ******************
1898
***************** LeaderElected ******************
1954
^C
pranavpatil@Pranav-MacBook-Pro RL2 %
```