



Internship Test: Q-TOP

Updated automatically every 5 minutes

PROBLEM

1. Create an account on <https://github.com>
2. Create a codespace <https://github.com/codespaces>
3. [Set Codespace timeout](#) to 240 minutes. (maximum)
4. Start a codespace
5. Create a django or flask application with an /htop endpoint
6. Add a port with public visibility to serve the application
7. DO NOT STOP THE CODESPACE as the endpoint should keep working.
8. /htop endpoint should print the below data on the webpage.
 - a. Name - your full name
 - b. Username - system username
 - c. Server Time in IST
 - d. Top output
9. Example page would look like below. Test this endpoint in the incognito tab before submitting for the test.

```
Name: sample_name
user: codespace
Server Time (IST): 2024-10-18 17:07:27.513300
TOP output:
top - 11:37:27 up 51 min, 0 users, load average: 0.01, 0.06, 0.14
Tasks: 33 total, 1 running, 32 sleeping, 0 stopped, 0 zombie
%Cpu(s): 0.0 us, 0.0 sy, 0.0 ni,100.0 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st
MiB Mem : 15981.0 total, 971.8 free, 2303.9 used, 12705.3 buff/cache
MiB Swap: 0.0 total, 0.0 free, 0.0 used, 13268.9 avail Mem

  PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM    TIME+  COMMAND
    1 codespa+  20   0   1136     640     640 S   0.0   0.0   0:00.08 docker-init
    7 codespa+  20   0   7236    1664    1664 S   0.0   0.0   0:00.01 sleep
   35 root      20   0   12196   3352   2432 S   0.0   0.0   0:00.00 sshd
  421 codespa+  20   0    2616   1408   1408 S   0.0   0.0   0:00.01 sh
  447 root      20   0    2616   1408   1408 S   0.0   0.0   0:00.00 sh
  609 codespa+  20   0    2624   1536   1536 S   0.0   0.0   0:00.00 sh
  618 codespa+  20   0   11.3g 101080 47488 S   0.0   0.6   0:10.07 node
 1194 codespa+  20   0   11.2g 77308 44416 S   0.0   0.5   0:05.85 node
 1205 codespa+  20   0   16816 11520 3328 S   0.0   0.1   0:00.15 bash
 1709 codespa+  20   0   16680 11520 3328 S   0.0   0.1   0:00.13 bash
 1756 codespa+  20   0   16680 11520 3456 S   0.0   0.1   0:00.13 bash
 2635 codespa+  20   0    2616   1536   1536 S   0.0   0.0   0:00.00 sh
 2683 root      20   0    2616   1536   1536 S   0.0   0.0   0:00.00 sh
 3703 root      20   0 2056984 81512 52480 S   0.0   0.5   0:00.22 dockerd
 3712 root      20   0 1873092 48316 30592 S   0.0   0.3   0:00.61 containerd
 4170 codespa+  20   0    2616   1408   1408 S   0.0   0.0   0:00.00 sh
 4221 root      20   0    2616   1536   1536 S   0.0   0.0   0:00.00 sh
 4719 codespa+  20   0   16680 11392 3200 S   0.0   0.1   0:00.13 bash
 5257 codespa+  20   0    2616   1536   1536 S   0.0   0.0   0:00.00 sh
 5306 root      20   0    2616   1536   1536 S   0.0   0.0   0:00.00 sh
 6623 codespa+  20   0    2616   1536   1536 S   0.0   0.0   0:00.00 sh
 6667 root      20   0    2616   1664   1664 S   0.0   0.0   0:00.00 sh
 7027 codespa+  20   0   11.3g 92660 43520 S   0.0   0.6   0:06.00 node
 7052 codespa+  20   0   31.5g 389044 55552 S   0.0   2.4   0:46.59 node
 7082 codespa+  20   0    5072   4292   3328 S   0.0   0.0   0:00.36 pet
 7284 codespa+  20   0   16680 11264 3200 S   0.0   0.1   0:00.15 bash
 7468 codespa+  20   0   12.4g 426232 48576 S   0.0   2.6   1:02.64 node
 7733 codespa+  20   0 992380 48664 36864 S   0.0   0.3   0:00.23 node
 7810 codespa+  20   0    2616   1408   1408 S   0.0   0.0   0:00.00 sh
 7842 root      20   0    2616   1536   1536 S   0.0   0.0   0:00.00 sh
15245 codespa+  20   0 1032828 94812 43008 S   0.0   0.6   0:00.47 node
19593 codespa+  20   0 188516 35828 11264 S   0.0   0.2   0:00.39 flask
29482 codespa+  20   0   10896   3712   3328 R   0.0   0.0   0:00.00 top
```



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Github Repository Link, make sure github repository is public)

Example submission:

Link 1: <https://test-5000.app.github.dev/htop>

Link 2: <https://github.com/test-user/test-app>