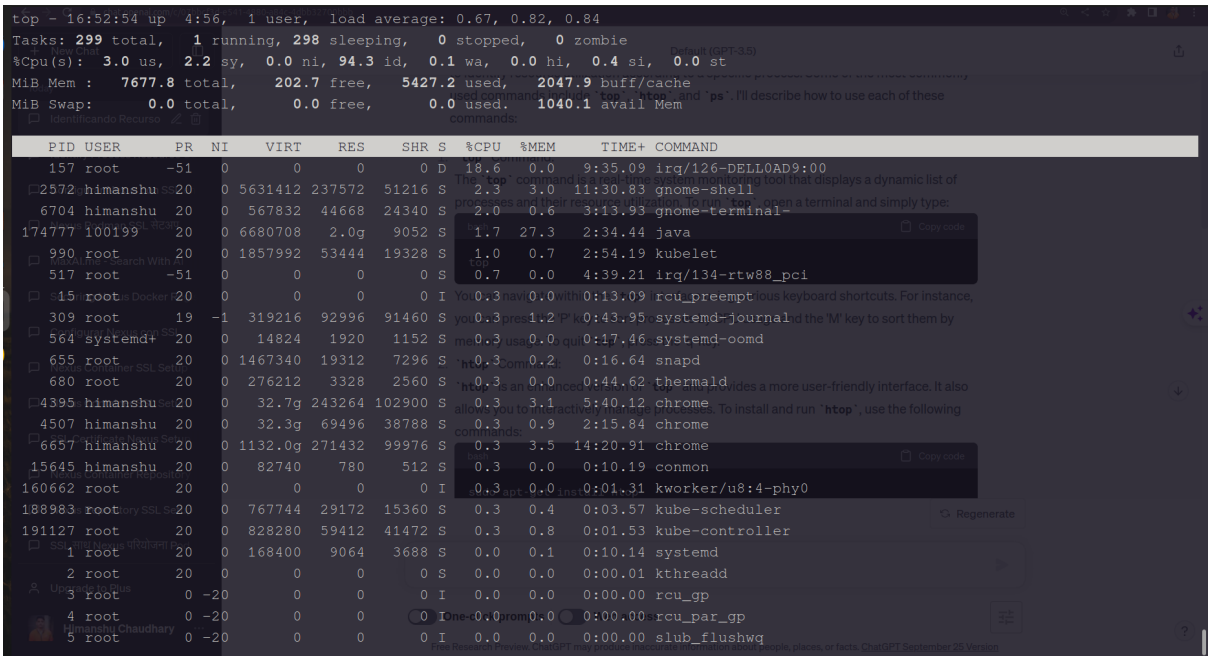
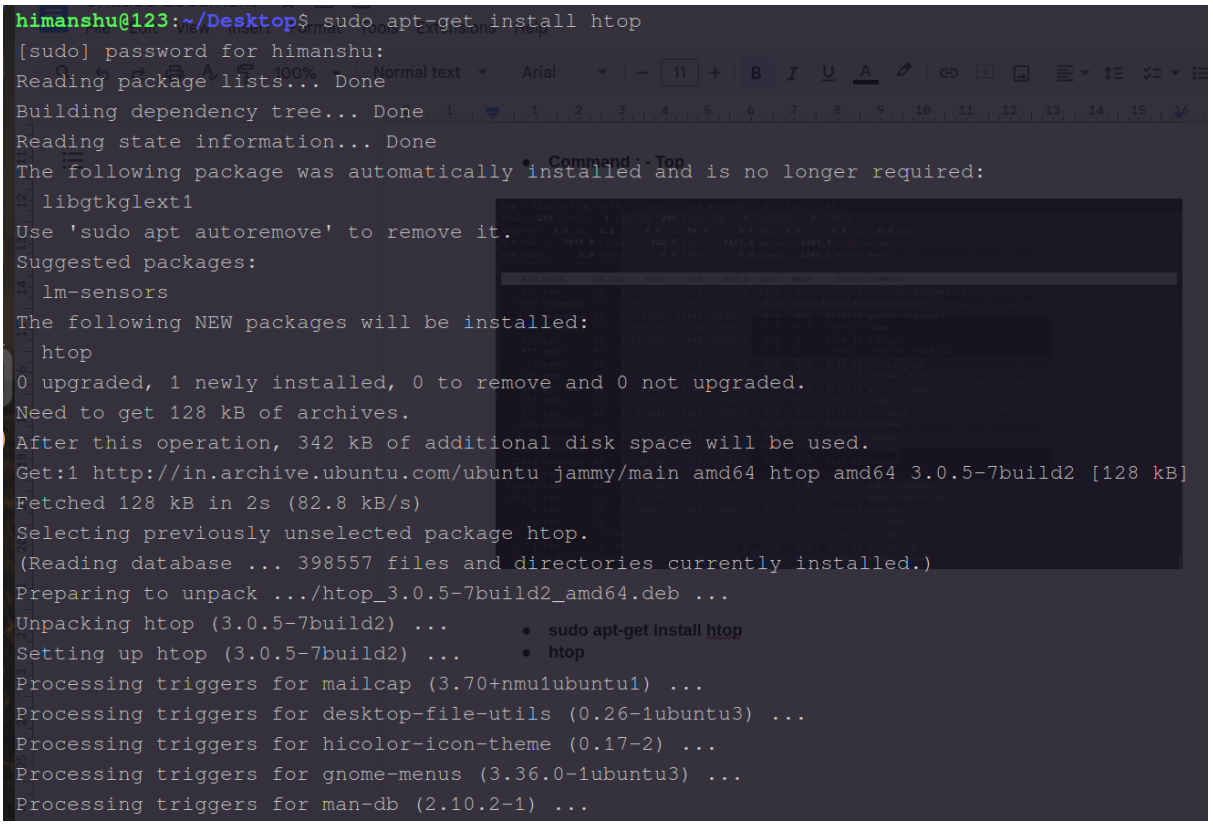
# First Task

- **Command : - Top**



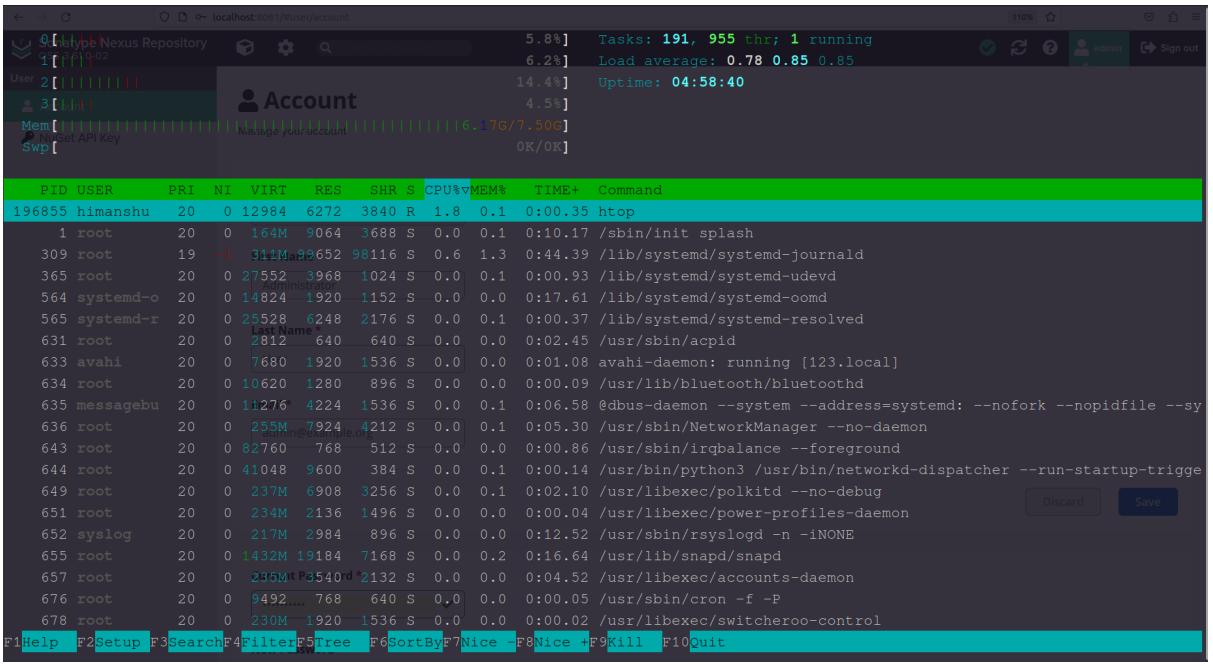
```
top - 16:52:54 up  4:56,  1 user,  load average: 0.67, 0.82, 0.84
Tasks: 299 total,   1 running, 298 sleeping,   0 stopped,   0 zombie
%Cpu(s):  3.0 us,  2.2 sy,  0.0 ni, 94.3 id,  0.1 wa,  0.0 hi,  0.4 si,  0.0 st
MiB Mem :   7677.8 total,    202.7 free,   5427.2 used,   2047.9 buff/cache
MiB Swap:      0.0 total,      0.0 free,      0.0 used.   1040.1 avail Mem

    PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
    157 root     -51   0       0      0      0 D  18.6   0.0   9:35.09 irq/126-DELL0AD9:00
   2572 himanshu  20   0 5631412 237572  51216 S   2.3   3.0  11:30.83 gnome-shell
   6704 himanshu  20   0  567832  44668  24340 S   2.0   0.6   3:13.93 gnome-terminal-
 174777 100199    20   0 6680708   2.0g   9052 S   1.7  27.3   2:34.44 java
    990 root      20   0 1857992  53444  19328 S   1.0   0.7   2:54.19 kubelet
    517 root     -51   0       0      0      0 S   0.7   0.0   4:39.21 irq/134-rtw88_pci
     15 root      20   0       0      0      0 I   0.3   0.0   0:13.09 rcu_preempt
    309 root      19  -1  319216  92996  91460 S   0.3   1.2   0:43.95 systemd-journal
    564 systemd+  20   0   14824   1920   1152 S   0.3   0.0   0:17.46 systemd-oomd
    655 root      20   0 1467340  19312   7296 S   0.3   0.2   0:16.64 snapd
    680 root      20   0  276212   3328   2560 S   0.3   0.0   0:44.62 thermald
   4395 himanshu  20   0   32.7g 243264 102900 S   0.3   3.1   5:40.12 chrome
   4507 himanshu  20   0   32.3g  69496  38788 S   0.3   0.9   2:15.84 chrome
   6657 himanshu  20   0 1132.0g 271432  99976 S   0.3   3.5  14:20.91 chrome
  15645 himanshu  20   0   82740    780    512 S   0.3   0.0   0:10.19 conmon
 160662 root      20   0       0      0      0 I   0.3   0.0   0:01.31 kworker/u8:4-phy0
 188983 root      20   0  767744  29172  15360 S   0.3   0.4   0:03.57 kube-scheduler
 191127 root      20   0  828280  59412  41472 S   0.3   0.8   0:01.53 kube-controller
      1 root      20   0  168400   9064   3688 S   0.0   0.1   0:10.14 systemd
      2 root      20   0       0      0      0 S   0.0   0.0   0:00.01 kthreadd
      3 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 rcu_gp
      4 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 rcu_par_gp
      5 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 slub_flushwq
```

- **sudo apt-get install htop**

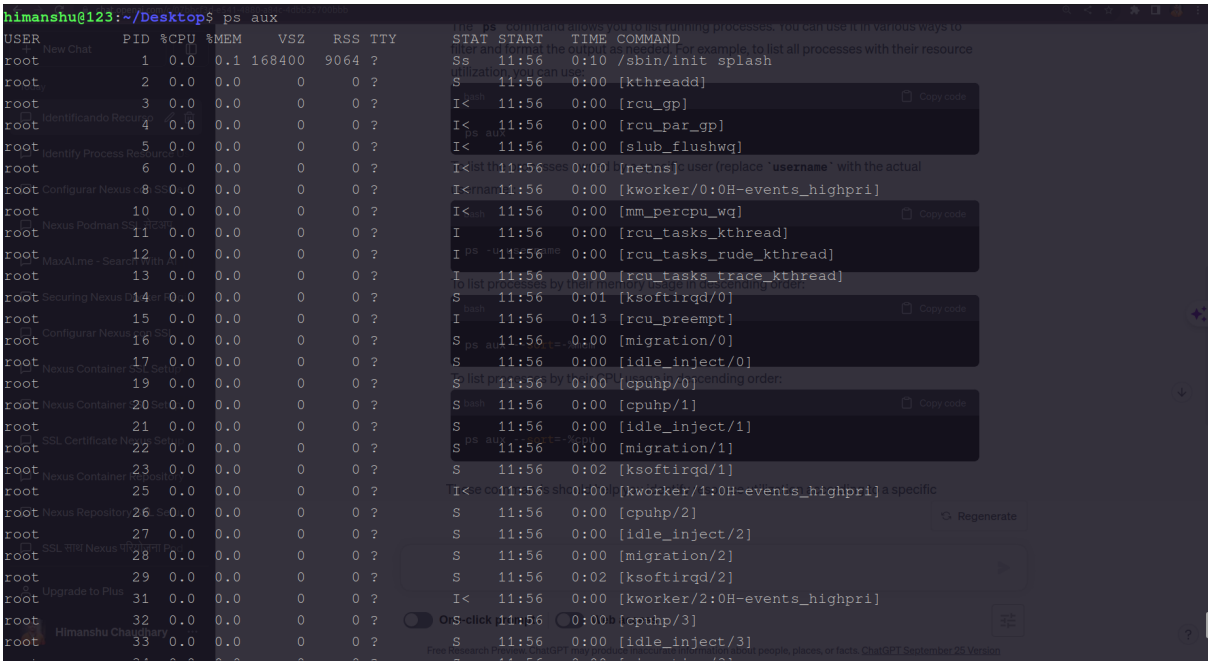


```
himanshu@123:~/Desktop$ sudo apt-get install htop
[sudo] password for himanshu:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following package was automatically installed and is no longer required:
  libgtkglext1
Use 'sudo apt autoremove' to remove it.
Suggested packages:
  lm-sensors
The following NEW packages will be installed:
  htop
0 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 128 kB of archives.
After this operation, 342 kB of additional disk space will be used.
Get:1 http://in.archive.ubuntu.com/ubuntu jammy/main amd64 htop amd64 3.0.5-7build2 [128 kB]
Fetched 128 kB in 2s (82.8 kB/s)
Selecting previously unselected package htop.
(Reading database ... 398557 files and directories currently installed.)
Preparing to unpack .../htop_3.0.5-7build2_amd64.deb ...
Unpacking htop (3.0.5-7build2) ...
Setting up htop (3.0.5-7build2) ...
Processing triggers for mailcap (3.70+nmu1ubuntu1) ...
Processing triggers for desktop-file-utils (0.26-1ubuntu3) ...
Processing triggers for hicolor-icon-theme (0.17-2) ...
Processing triggers for gnome-menus (3.36.0-1ubuntu3) ...
Processing triggers for man-db (2.10.2-1) ...
```

- **htop**




- **ps aux**




- **ps -u himanshu**

```
himanshu@123:~/Desktop$ ps -u himanshu
    PID TTY          TIME CMD
   2350 ?        00:00:06 systemd
   2351 ?        00:00:00 (sd-pam)
   2357 ?        00:00:00 pipewire
   2358 ?        00:00:04 pipewire-media-
   2360 ?        00:00:05 pulseaudio
   2374 ?        00:00:02 dbus-daemon
   2384 ?        00:00:00 gvfsd
   2395 ?        00:00:00 gvfsd-fuse
   2411 ?        00:00:00 xdg-document-po
   2414 ?        00:00:00 xdg-permission-
   2434 ?        00:00:00 gnome-keyring-d
   2443 ?        00:00:00 podman pause
   2458 ?        00:00:05 tracker-miner-f
   2468 ?        00:00:13 gvfs-udisks2-vo
   2475 tty2     00:00:00 gdm-wayland-ses
   2478 tty2     00:00:00 gnome-session-b
   2526 ?        00:00:00 gnome-session-c
   2540 ?        00:00:00 gnome-session-b
   2555 ?        00:00:00 at-spi-bus-laun
   2568 ?        00:00:00 dbus-daemon
   2572 ?        00:11:49 gnome-shell
   2627 ?        00:00:00 gnome-shell-cal
   2633 ?        00:00:00 evolution-sourc
   2634 ?        00:00:00 dconf-service
   2642 ?        00:00:00 goa-daemon
   2645 ?        00:00:00 evolution-calen
   2655 ?        00:00:00 goa-identity-se
   2657 ?        00:00:01 gvfsd-trash
```

- **ps aux --sort=-%mem**

```
himanshu@123:~/Desktop$ ps aux --sort=-%mem
USER         PID %CPU %MEM    VSZ   RSS TTY      STAT START   TIME COMMAND
100199    174777  7.0 27.3 6680708 2149868 ?     Ssl  16:22   2:41 /usr/lib/jvm/java-1.8.0-openjdk-1.8.0.382.b05-2.el8.x86_64/jre/b
himanshu    4699  2.0  6.0 1189045564 472484 ?   Sl   11:57   6:11 /opt/google/chrome/chrome --type=renderer --crashpad-handler-pid
himanshu   23118  1.3  4.8 1189086368 380064 ?   Sl   12:43   3:35 /opt/google/chrome/chrome --type=renderer --crashpad-handler-pid
himanshu   44487  2.0  3.7 3957912 292076 ?      Sl   13:12   4:38 /snap/firefox/3252/usr/lib/firefox/firefox
himanshu    6657  4.9  3.5 1186954412 280760 ?   Sl   12:02  14:36 /opt/google/chrome/chrome --type=renderer --crashpad-handler-pid
himanshu    4395  1.9  3.1 34250528 249212 ?     SLl  11:57   5:52 /opt/google/chrome/chrome
himanshu    2572  3.9  3.0 5634916 237496 ?      Ssl  11:57  11:58 /usr/bin/gnome-shell
himanshu    4735  0.3  2.9 1186913296 229688 ?   Sl   11:57   1:06 /opt/google/chrome/chrome --type=renderer --crashpad-handler-pid
himanshu   44945  0.9  2.0 2741608 164660 ?      Sl   13:12   2:07 /snap/firefox/3252/usr/lib/firefox/firefox -contentproc -childID
himanshu    4503  2.0  1.9 34563368 156812 ?     Sl   11:57   6:14 /opt/google/chrome/chrome --type=gpu-process --crashpad-handler-
himanshu    4819  0.0  1.5 1189007236 119700 ?   Sl   11:57   0:05 /opt/google/chrome/chrome --type=renderer --crashpad-handler-pid
himanshu    2806  0.0  1.4 851092 117000 ?       Sl   11:57   0:05 /snap/snap-store/959/usr/bin/snap-store --gapplication-service
himanshu    4749  0.0  1.4 1186909828 116216 ?   Sl   11:57   0:07 /opt/google/chrome/chrome --type=renderer --crashpad-handler-pid
himanshu  199066  0.5  1.4 1189005680 114800 ?   Sl   16:58   0:00 /opt/google/chrome/chrome --type=renderer --crashpad-handler-pid
100999     15661  0.1  1.2 951032 100524 ?       Ssl  12:32   0:25 /usr/local/bin/gitea web
root         309  0.2  1.2 324052 98716 ?        S<s  11:56   0:45 /lib/systemd/systemd-journald
himanshu   44693  0.0  1.1 2471508 88428 ?       Sl   13:12   0:07 /snap/firefox/3252/usr/lib/firefox/firefox -contentproc -childID
root      198994  0.5  0.9 828024 78076 ?        Ssl  16:57   0:00 kube-controller-manager --authentication-kubeconfig=/etc/kuberne
himanshu    4507  0.7  0.8 33916048 70156 ?      Sl   11:57   2:20 /opt/google/chrome/chrome --type=utility --utility-sub-type=netw
himanshu   44978  0.0  0.8 2516140 68320 ?       Sl   13:12   0:03 /snap/firefox/3252/usr/lib/firefox/firefox -contentproc -childID
himanshu  166071  0.0  0.8 1186900332 66828 ?    Sl   16:08   0:00 /opt/google/chrome/chrome --type=renderer --crashpad-handler-pid
mysql        896  0.0  0.7 1346168 62140 ?       Ssl  11:56   0:03 /usr/sbin/mariadbd
himanshu  193037  0.0  0.7 2383992 56832 ?       Sl   16:48   0:00 /snap/firefox/3252/usr/lib/firefox/firefox -contentproc -childID
root         990  0.9  0.6 1857992 53700 ?       Ssl  11:56   2:58 /usr/bin/kubelet --bootstrap-kubeconfig=/etc/kubernetes/bootstra
root      197619  0.7  0.6 767744 52608 ?        Ssl  16:55   0:01 kube-scheduler --authentication-kubeconfig=/etc/kubernetes/sched
himanshu    6704  1.1  0.5 567832 44668 ?        Ssl  12:02   3:21 /usr/libexec/gnome-terminal-server
himanshu    4430  0.6  0.5 715388 41300 ?        Sl   11:57   2:04 /usr/bin/Xwayland :0 -rootless -noreset -accessx -core -auth /ru
root         813  0.4  0.5 3074636 41020 ?       Ssl  11:56   1:13 /usr/bin/containerd
```

- **ps aux --sort=-%cpu**

```
himanshu@123:~/Desktop$ ps aux --sort=-%cpu
USER         PID %CPU %MEM    VSZ   RSS TTY      STAT START   TIME COMMAND
100199    174777  6.9 27.3 6680708 2149868 ?     Ssl  16:22   2:42 /usr/lib/jvm/java-1.8.0-openjdk-1.8.0.382.b05-2.el8.x86_64/jre/b
himanshu    6657  4.9  3.1 1186950312 251488 ?   Sl   12:02  14:39 /opt/google/chrome/chrome --type=renderer --crashpad-handler-pid
himanshu    2572  3.9  3.0 5631604 237244 ?      Ssl  11:57  12:01 /usr/bin/gnome-shell
root         157  3.2  0.0       0      0 ?      S    11:56   9:56 [irq/126-DELL0AD9:00]
himanshu  200775  2.2  1.5 1189005744 118704 ?   Sl   17:00   0:00 /opt/google/chrome/chrome --type=renderer --crashpad-handler-pid
himanshu    4503  2.0  1.9 34513048 156444 ?     Sl   11:57   6:16 /opt/google/chrome/chrome --type=gpu-process --crashpad-handler-
himanshu    4699  2.0  5.9 1189045564 469396 ?   Sl   11:57   6:11 /opt/google/chrome/chrome --type=renderer --crashpad-handler-pid
himanshu   44487  2.0  3.7 3957912 291656 ?      Sl   13:12   4:38 /snap/firefox/3252/usr/lib/firefox/firefox
himanshu    4395  1.9  3.1 34248168 249416 ?     SLl  11:57   5:54 /opt/google/chrome/chrome
root         517  1.5  0.0       0      0 ?      S    11:56   4:43 [irq/134-rtw88_pci]
himanshu   23118  1.4  4.7 1189086828 374108 ?   Sl   12:43   3:39 /opt/google/chrome/chrome --type=renderer --crashpad-handler-pid
himanshu    6704  1.1  0.5 567832 44668 ?        Ssl  12:02   3:22 /usr/libexec/gnome-terminal-server
root         990  0.9  0.6 1857992 53316 ?       Ssl  11:56   2:59 /usr/bin/kubelet --bootstrap-kubeconfig=/etc/kubernetes/bootstra
himanshu   44945  0.9  2.0 2741596 164660 ?      Sl   13:12   2:07 /snap/firefox/3252/usr/lib/firefox/firefox -contentproc -childID
himanshu    4507  0.7  0.8 33916176 69488 ?      Sl   11:57   2:21 /opt/google/chrome/chrome --type=utility --utility-sub-type=netw
himanshu    4430  0.6  0.5 715464 41300 ?        Sl   11:57   2:04 /usr/bin/Xwayland :0 -rootless -noreset -accessx -core -auth /ru
root      197619  0.6  0.6 768000 50796 ?        Ssl  16:55   0:02 kube-scheduler --authentication-kubeconfig=/etc/kubernetes/sched
root         813  0.4  0.5 3074636 41020 ?       Ssl  11:56   1:13 /usr/bin/containerd
root      198994  0.4  0.9 828024 78076 ?        Ssl  16:57   0:00 kube-controller-manager --authentication-kubeconfig=/etc/kuberne
himanshu    4735  0.3  2.9 1186913296 228192 ?   Sl   11:57   1:06 /opt/google/chrome/chrome --type=renderer --crashpad-handler-pid
himanshu  200776  0.3  1.2 1188997612 99708 ?    Sl   17:00   0:00 /opt/google/chrome/chrome --type=renderer --crashpad-handler-pid
root          62  0.2  0.0       0      0 ?      S    11:56   0:44 [kswapd0]
root         309  0.2  1.1 324052 91420 ?        S<s  11:56   0:45 /lib/systemd/systemd-journald
root         680  0.2  0.0 276212  3328 ?        Ssl  11:56   0:46 /usr/sbin/thermald --systemd --dbus-enable --adaptive
himanshu    2705  0.1  0.0 388816  7196 ?        Sl   11:57   0:34 /usr/bin/ibus-daemon --panel disable
100999     15661  0.1  1.2 951032 100524 ?       Ssl  12:32   0:25 /usr/local/bin/gitea web
root      198870  0.1  0.0       0      0 ?      I    16:57   0:00 [kworker/u8:3-ext4-rsv-conversion]
root           1  0.0  0.1 168400  9064 ?        Ss   11:56   0:10 /sbin/init splash
```

## Second Task

- **podman inspect --format '{{.State.Pid}}' nexus**

```
himanshu@123:~/Desktop$ podman inspect --format '{{.State.Pid}}' nexus
174777
```

- **podman inspect --format '{{.State.Pid}}' gitea**

```
himanshu@123:~/Desktop$ podman inspect --format '{{.State.Pid}}' gitea
15648
```

# Third , Fourth and Fifth Task

```
himanshu@123:~/Desktop/Nexus$ openssl req -x509 -nodes -newkey rsa:2048 -keyout nexus.key -out nexus.crt -days 365
...+.....+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++*.+.+..+...+.+.....+.+++++++++++++++++++++++++++++++++++++++
++++++++++++++++++++++++++++++++++*.+.....+.....+.....+.....+.....+.....+.....+.....+.....+...+...+++++++++++++++
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.....+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++*....+...+++++++++++++++++++++++++++++++++++++++++
++++++++++++++++*.....+.....+.....+.....+....+..+....+.....+.....+.....+.....+.....+.....+..+.....+.+...+..+...+..
.....+...+.....+.....+.....+.....+.....+.....+.....+.....+.....+.....+.....+.....+.....+.....+.....+.....+.....+.
.....+.....+..+.....+.....+.+.....+.....+.....++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
-----
You are about to be asked to enter information that will be incorporated
into your certificate request.
What you are about to enter is what is called a Distinguished Name or a DN.
There are quite a few fields but you can leave some blank
For some fields there will be a default value,
If you enter '.', the field will be left blank.
-----
Country Name (2 letter code) [AU]:In
State or Province Name (full name) [Some-State]:Uttar Pradesh
Locality Name (eg, city) []:Ghaziabad
Organization Name (eg, company) [Internet Widgits Pty Ltd]:Keenable
Organizational Unit Name (eg, section) []:Keenable
Common Name (e.g. server FQDN or YOUR name) []:Himanshu
Email Address []:himashu.x.01@fosteringlinux.com
himanshu@123:~/Desktop/Nexus$
```
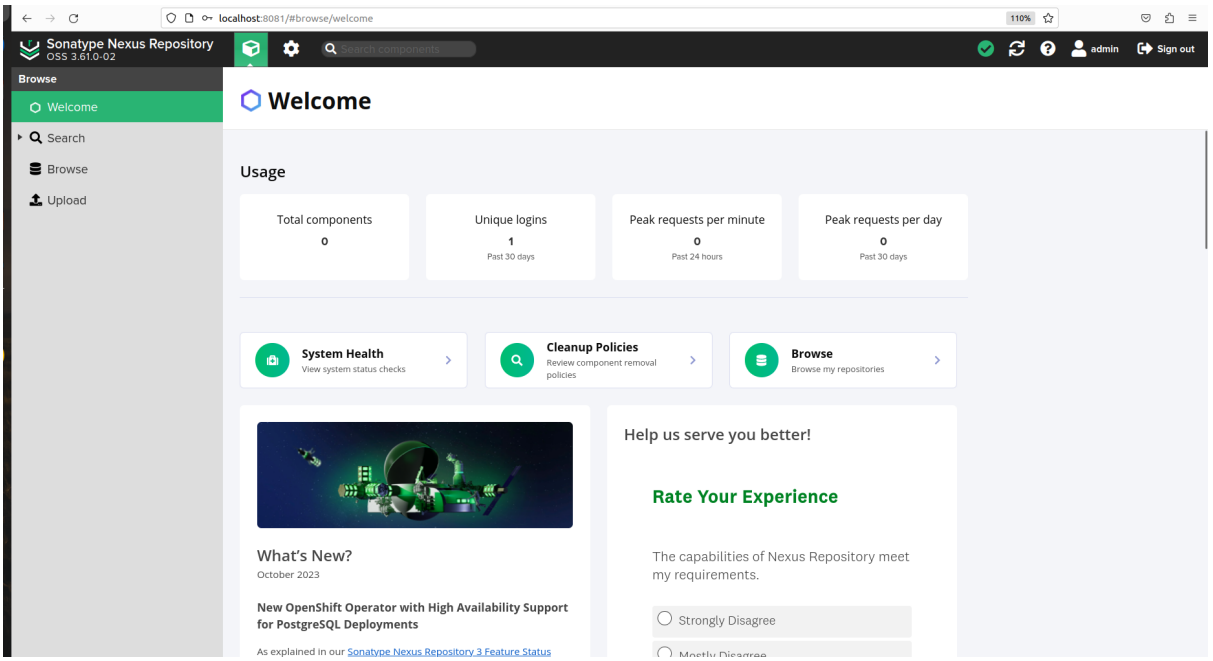
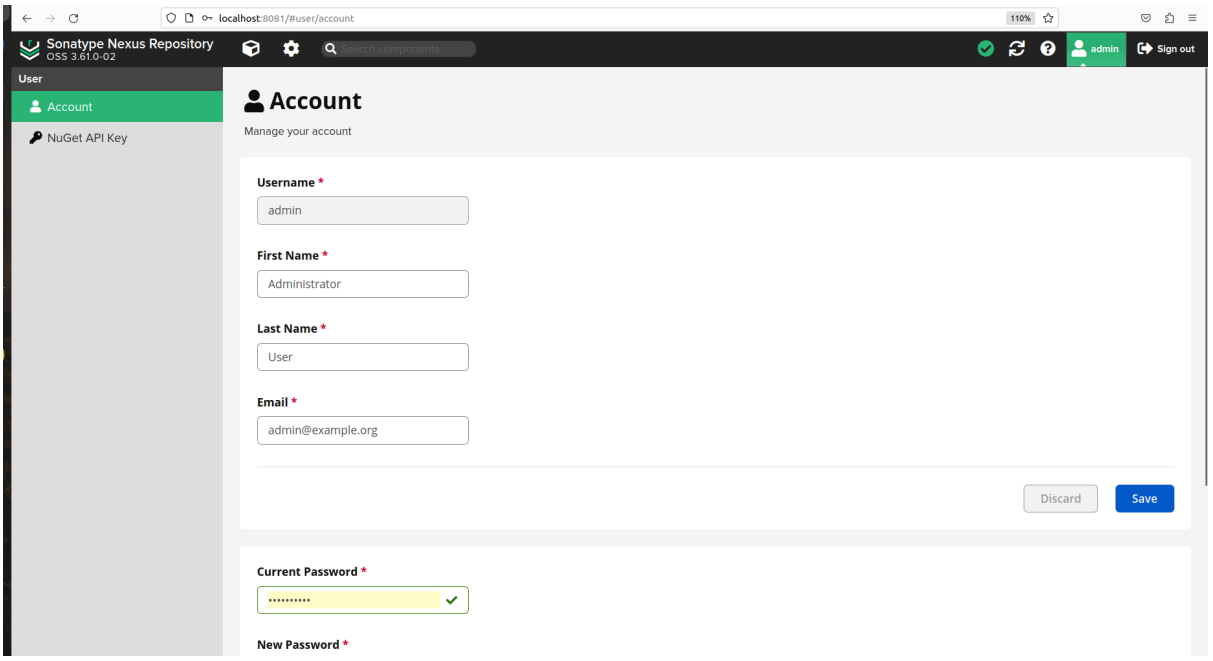
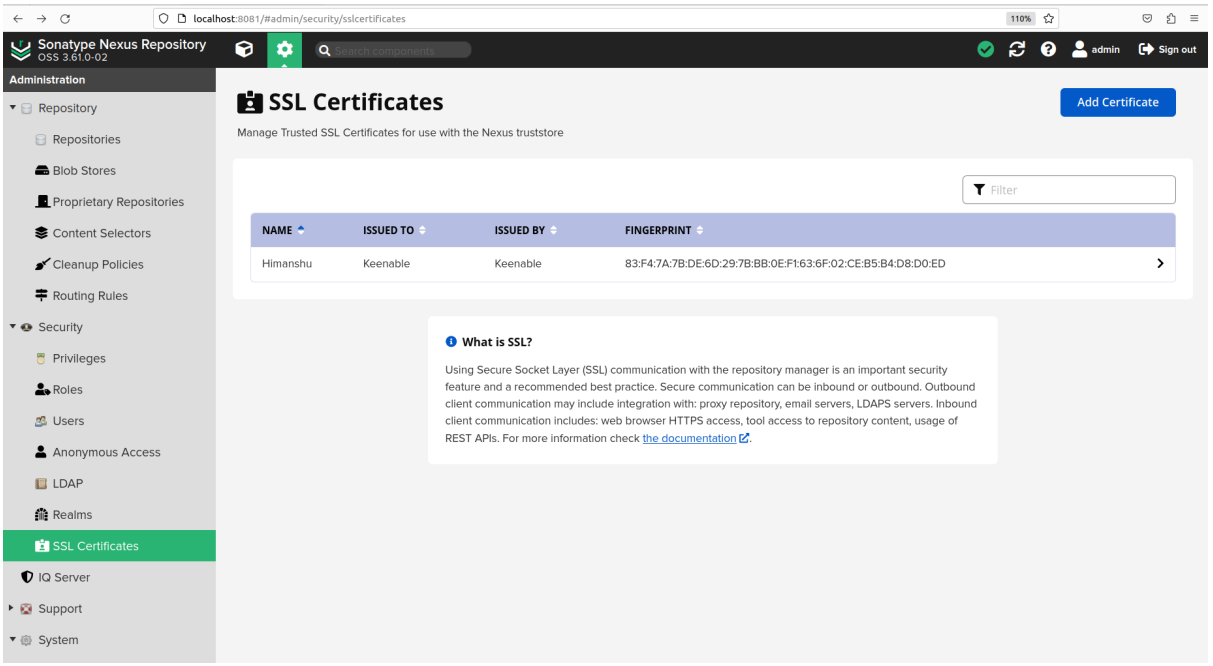

```
himanshu@123:~/Desktop/Nexus$ mkdir -p /home/himanshu/Desktop/Nexus/nexus-data
himanshu@123:~/Desktop/Nexus$ ls
nexus.crt  nexus-data  nexus.key
```

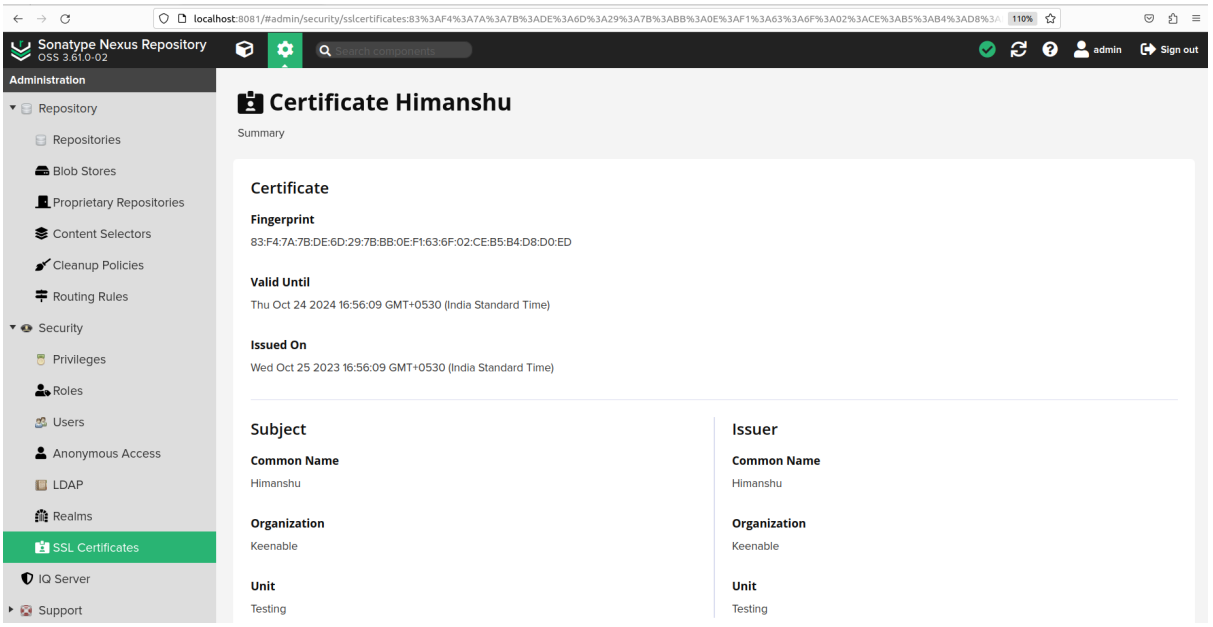
```
himanshu@123:~/Desktop/Nexus$ podman run -d -p 8081:8081 --name nexus     -v /home/himanshu/Desktop/Nexus/nexus.crt:/etc/ssl/nexus.
crt     -v /home/himanshu/Desktop/Nexus/nexus.key:/etc/ssl/nexus.key     sonatype/nexus3
Resolved "sonatype/nexus3" as an alias (/home/himanshu/.cache/containers/short-name-aliases.conf)
Trying to pull docker.io/sonatype/nexus3:latest...
Getting image source signatures
Copying blob 967391cae45a done
Copying blob c28fcbc1dd43 done
Copying blob c9b100a53c81 done
Copying blob 13ba478eb6c3 done
Copying blob 90bde46ccbb5 done
Copying blob ae9e60596df5 done
Copying blob 2cf0059fbc16 done
Copying config 1f113e66d3 done
Writing manifest to image destination
Storing signatures
967c86a74b3298c4c5b76de73d6f0a424cf9df122b8fbad5ad2a58a550a21cda
```

```
himanshu@123:~/Desktop/Nexus$ podman ps
CONTAINER ID  IMAGE                            COMMAND               CREATED         STATUS             PORTS
              NAMES
19c592c6d918  docker.io/gitea/gitea:latest     /bin/s6-svscan /e...  2 hours ago     Up 2 hours ago     0.0.0.0:2222->22/tcp, 0.0.0.
0:3000->3000/tcp  gitea
967c86a74b32  docker.io/sonatype/nexus3:latest  /opt/sonatype/nex...  5 seconds ago   Up 5 seconds ago   0.0.0.0:8081->8081/tcp
              nexus
```






# Six Task

## Difference between podman and docker  and Some Examples .

- **Link :-** https://docs.google.com/document/d/1xsH21P3pqSYu4rjChQHQTWxuCncL0UzsWrSxSCo1It8/edit

# Seven Task

- **sudo apt update**

```
himanshu@123:~$ sudo apt update
[sudo] password for himanshu:
Hit:2 http://security.ubuntu.com/ubuntu jammy-security InRelease
Hit:3 http://in.archive.ubuntu.com/ubuntu jammy InRelease
Hit:1 https://packages.cloud.google.com/apt kubernetes-xenial InRelease
Hit:4 http://in.archive.ubuntu.com/ubuntu jammy-updates InRelease
Hit:5 http://in.archive.ubuntu.com/ubuntu jammy-backports InRelease
Hit:6 http://in.archive.ubuntu.com/ubuntu jammy-proposed InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
All packages are up to date.
```

- **sudo apt install docker.io**

```
himanshu@123:~/Desktop$ sudo apt install docker.io
[sudo] password for himanshu:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
docker.io is already the newest version (24.0.5-0ubuntu1~22.04.1).
The following package was automatically installed and is no longer required:
  libgtkglext1
Use 'sudo apt autoremove' to remove it.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
himanshu@123:~/Desktop$
```

- **sudo usermod -aG docker <username>**

```
himanshu@123:~/Desktop$ sudo usermod -aG docker himanshuch
```

```
himanshu@123:~/Desktop$ sudo nano /etc/systemd/system/docker.service.d/override.conf
```

```
GNU nano 6.2                    /etc/systemd/system/docker.service.d/override.conf
[Service]
ExecStart=
ExecStart=/usr/bin/dockerd -H unix://
```

- **docker --version**

```
himanshu@123:~/Desktop$ docker -v
Docker version 24.0.5, build 24.0.5-0ubuntu1~22.04.1
```

- **docker run hello-world**

```
himanshu@123:~/Desktop$ docker run hello-world

Hello from Docker!
This message shows that your installation appears to be working correctly.

To generate this message, Docker took the following steps:
 1. The Docker client contacted the Docker daemon.
 2. The Docker daemon pulled the "hello-world" image from the Docker Hub.
    (amd64)
 3. The Docker daemon created a new container from that image which runs the
    executable that produces the output you are currently reading.
 4. The Docker daemon streamed that output to the Docker client, which sent it
    to your terminal.

To try something more ambitious, you can run an Ubuntu container with:
 $ docker run -it ubuntu bash

Share images, automate workflows, and more with a free Docker ID:
 https://hub.docker.com/

For more examples and ideas, visit:
 https://docs.docker.com/get-started/
```

```
himanshu@123:~/Desktop$ docker ps -a
CONTAINER ID   IMAGE         COMMAND    CREATED          STATUS                      PORTS     NAMES
4ca28013657f   hello-world   "/hello"   30 seconds ago   Exited (0) 29 seconds ago             blissful_mendel
e815db4935c2   hello-world   "/hello"   19 minutes ago   Exited (0) 19 minutes ago             eloquent_rhodes
23780aa54b2b   hello-world   "/hello"   19 minutes ago   Exited (0) 19 minutes ago             flamboyant_wescoff
```

```
himanshu@123:~/Desktop$ docker images
REPOSITORY    TAG       IMAGE ID       CREATED         SIZE
hello-world   latest    9c7a54a9a43c   5 months ago    13.3kB
himanshu@123:~/Desktop$ docker ps -a
CONTAINER ID   IMAGE         COMMAND    CREATED          STATUS                      PORTS     NAMES
4ca28013657f   hello-world   "/hello"   2 minutes ago    Exited (0) 2 minutes ago              blissful_mendel
e815db4935c2   hello-world   "/hello"   21 minutes ago   Exited (0) 21 minutes ago             eloquent_rhodes
23780aa54b2b   hello-world   "/hello"   21 minutes ago   Exited (0) 21 minutes ago             flamboyant_wescoff
himanshu@123:~/Desktop$ docker network ls
NETWORK ID     NAME      DRIVER    SCOPE
7f73e35bc401   bridge    bridge    local
afcab92a8b6a   host      host      local
9bd1fd04aeb1   none      null      local
```

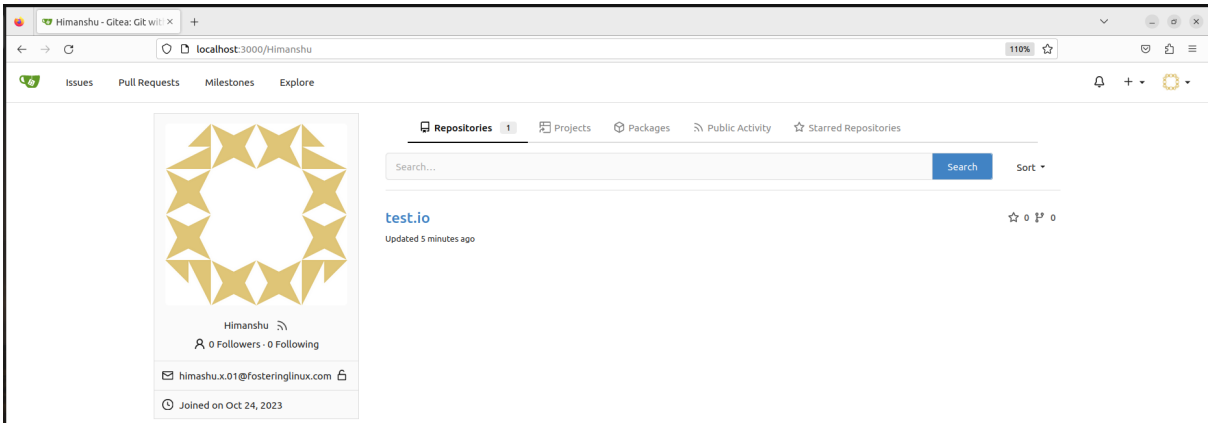
## Eight  task Complete

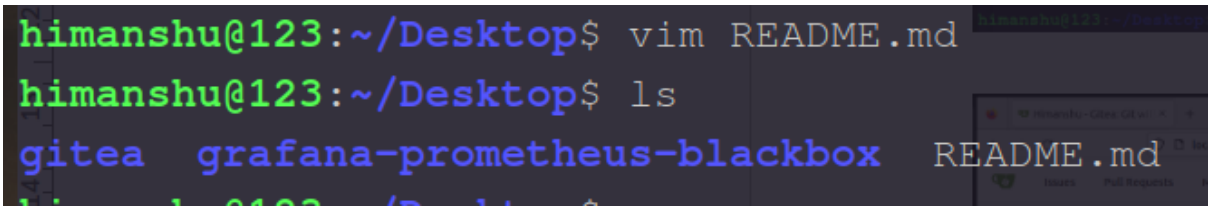
```
himanshu@123:~/Desktop$ mkdir -p /home/himanshu/Desktop/gitea/data
```

```
himanshu@123:~/Desktop$ ls
gitea  grafana-prometheus-blackbox
```

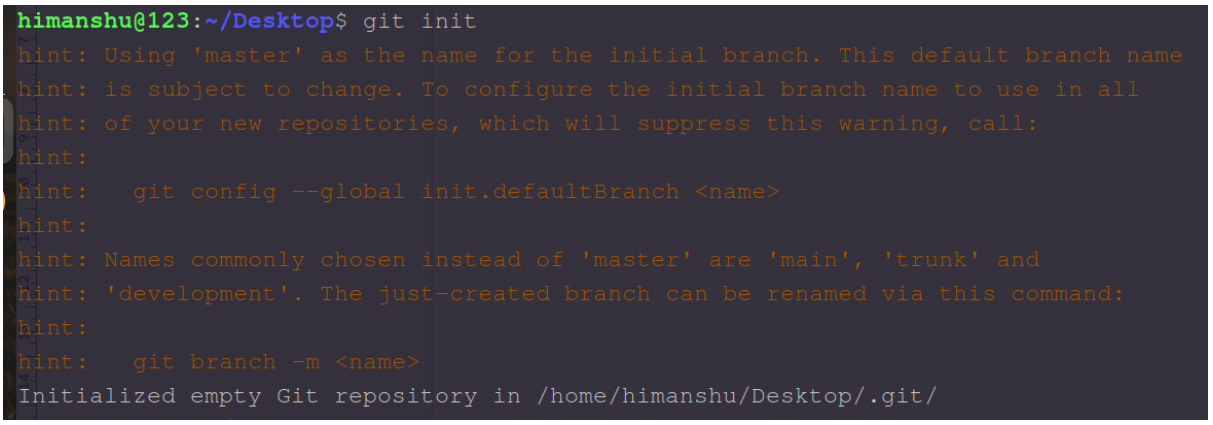
```
himanshu@123:~/Desktop$ podman run -d --name=gitea -p 3000:3000 -p 22:22 -v /home/himanshu/Desktop/gitea/data:/data gitea/gitea:lat
est
Resolved "gitea/gitea" as an alias (/home/himanshu/.cache/containers/short-name-aliases.conf)
Trying to pull docker.io/gitea/gitea:latest...
Getting image source signatures
Copying blob 77f57d5a9abc done
Copying blob 9d8b8f7d9e57 done
Copying blob 96526aa774ef done
Copying blob 7f9da138ad6e done
Copying blob b0b6bfa6fc26 done
Copying blob 7491b1a9f45d done
Copying blob eaee2713fb04 done
Copying blob 9aca02137fef done
Copying blob 95d9a43f655b done
Copying blob e667e032fd1f done
Copying config c24cd4cd2a done
Writing manifest to image destination
Storing signatures
```

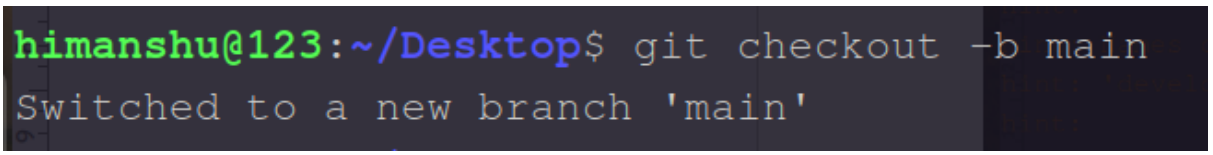
```
himanshu@123:~/Desktop$ podman ps
CONTAINER ID  IMAGE                            COMMAND               CREATED         STATUS         PORTS
              NAMES
19c592c6d918  docker.io/gitea/gitea:latest  /bin/s6-svscan /e...  15 minutes ago  Up 15 minutes ago  0.0.0.0:2222->22/tcp, 0.0.0.0:
3000->3000/tcp  gitea
himanshu@123:~/Desktop$
```


Himanshu - Gitea: Git wit
localhost:3000/Himanshu
110%
Issues
Pull Requests
Milestones
Explore
Repositories 1
Projects
Packages
Public Activity
Starred Repositories
Search...
Search
Sort
test.io
Updated 5 minutes ago
0 0
Himanshu
0 Followers · 0 Following
himashu.x.01@fosteringlinux.com
Joined on Oct 24, 2023


himanshu@123:~/Desktop$ vim README.md
himanshu@123:~/Desktop$ ls
gitea grafana-prometheus-blackbox README.md


# hello World
~
Untitled document

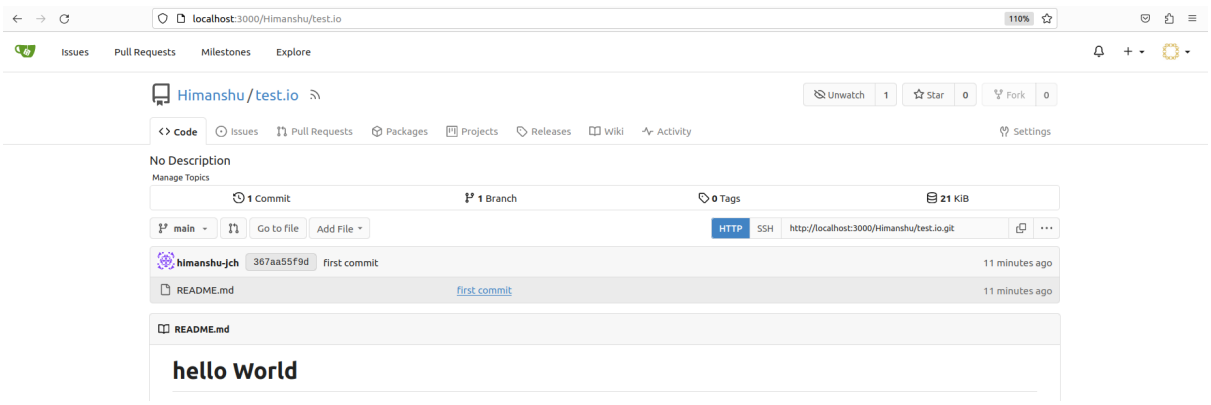

himanshu@123:~/Desktop$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint: git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint: git branch -m <name>
Initialized empty Git repository in /home/himanshu/Desktop/.git/

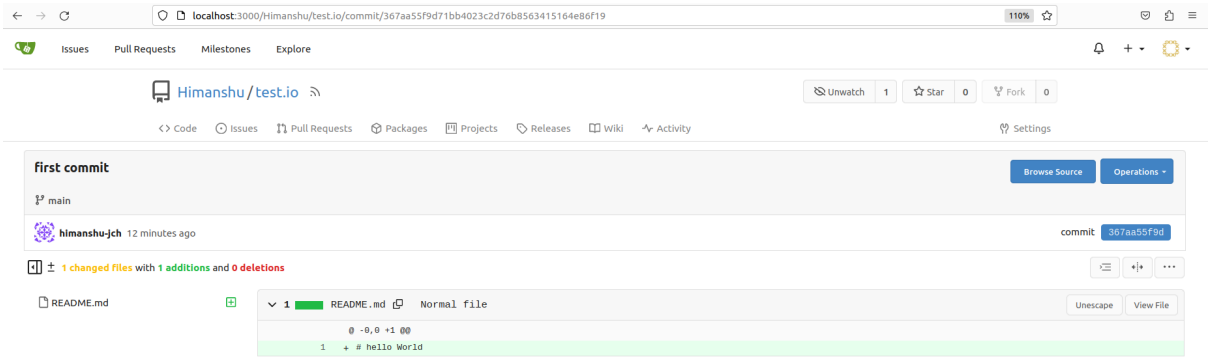

himanshu@123:~/Desktop$ git checkout -b main
Switched to a new branch 'main'

```
himanshu@123:~/Desktop$ git add README.md
himanshu@123:~/Desktop$
himanshu@123:~/Desktop$ git commit -m "first commit"
[main (root-commit) 367aa55] first commit
 1 file changed, 1 insertion(+)
 create mode 100644 README.md
```

```
himanshu@123:~/Desktop$ git remote add origin http://localhost:3000/Himanshu/test.io.git
```

```
himanshu@123:~/Desktop$ git push -u origin main
Username for 'http://localhost:3000': Himanshu
Password for 'http://Himanshu@localhost:3000':
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 227 bytes | 227.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote: . Processing 1 references
remote: Processed 1 references in total
To http://localhost:3000/Himanshu/test.io.git
 * [new branch]      main -> main
Branch 'main' set up to track remote branch 'main' from 'origin'.
```






```
himanshu@123:~/Desktop$ git clone http://localhost:3000/Himanshu/test.io
Cloning into 'test.io'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.
himanshu@123:~/Desktop$ ls
gitea  grafana-prometheus-blackbox  README.md  redhat@123.key  Test.crt  test.io
himanshu@123:~/Desktop$
```

```
himanshu@123:~/Desktop/test.io$ ls
README.md
himanshu@123:~/Desktop/test.io$ cat README.md
# hello World
himanshu@123:~/Desktop/test.io$
```