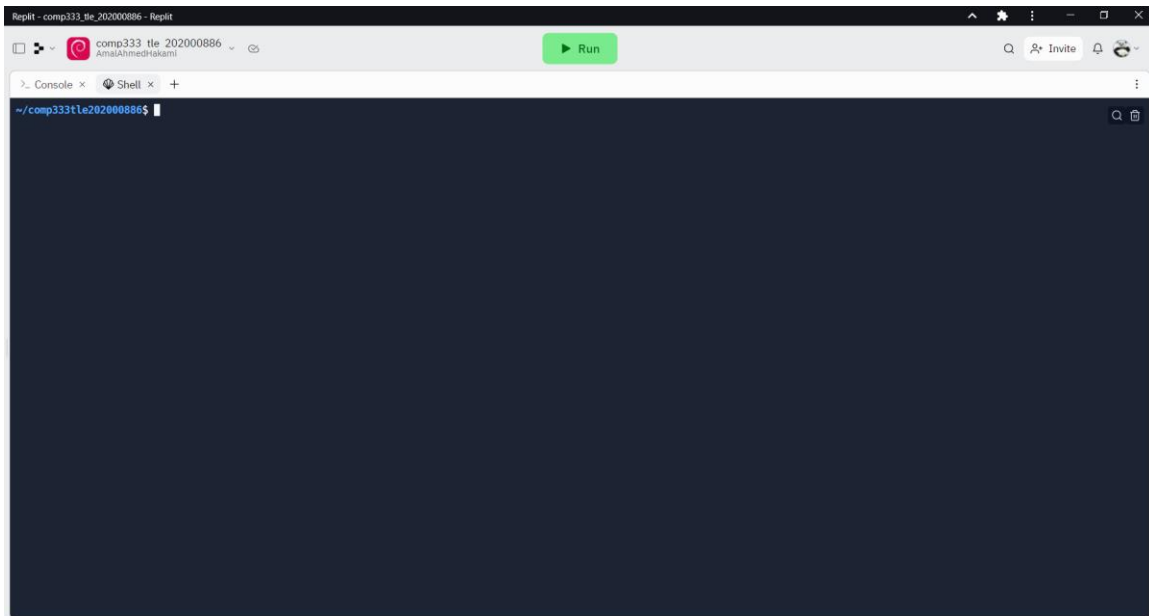


Student Name: Amal Ahmed Hakami  
Student ID: 202000886

---

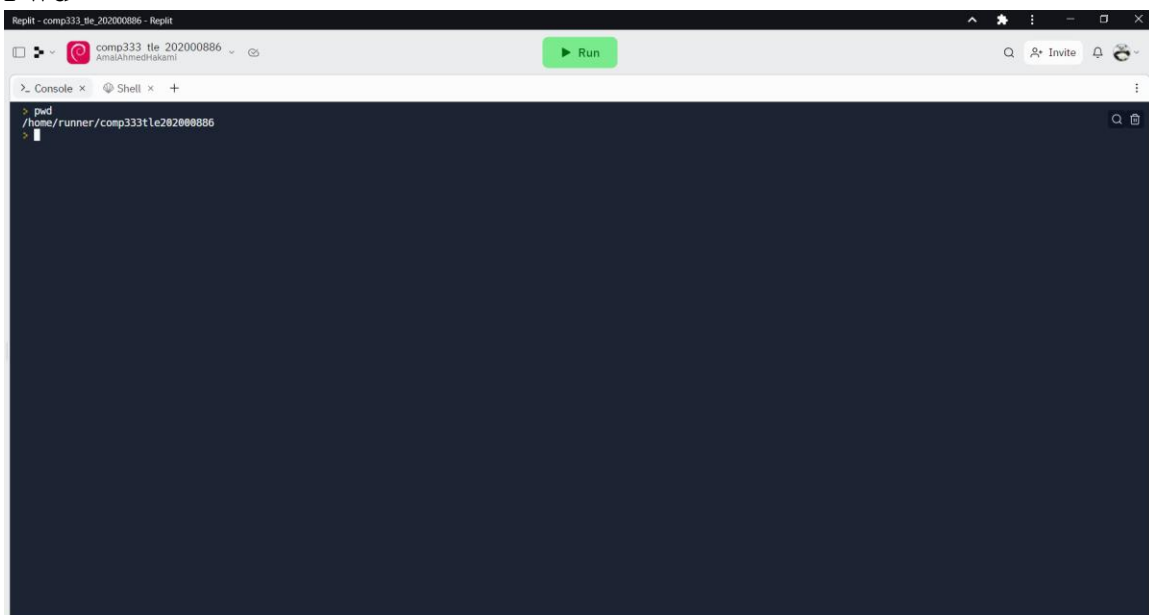
1) name your template title: comp333\_fle\_xxxxxxxxx., where xxxxxxxxx is your university id number.



A screenshot of a Replit terminal window. The title bar reads "Replit - comp333\_fle\_202000886 - Replit". The browser tab shows "comp333\_fle\_202000886" and the user "AmalAhmedHakami". A green "Run" button is visible. The terminal interface has tabs for "Console" and "Shell". The shell prompt is "~/comp333fle202000886\$".

2) Display the full path name of the current location.

Pwd



A screenshot of a Replit terminal window, similar to the one above. The terminal shows the command "pwd" being entered, followed by the output "/home/runner/comp333fle202000886". The prompt is now "/home/runner/comp333fle202000886\$".

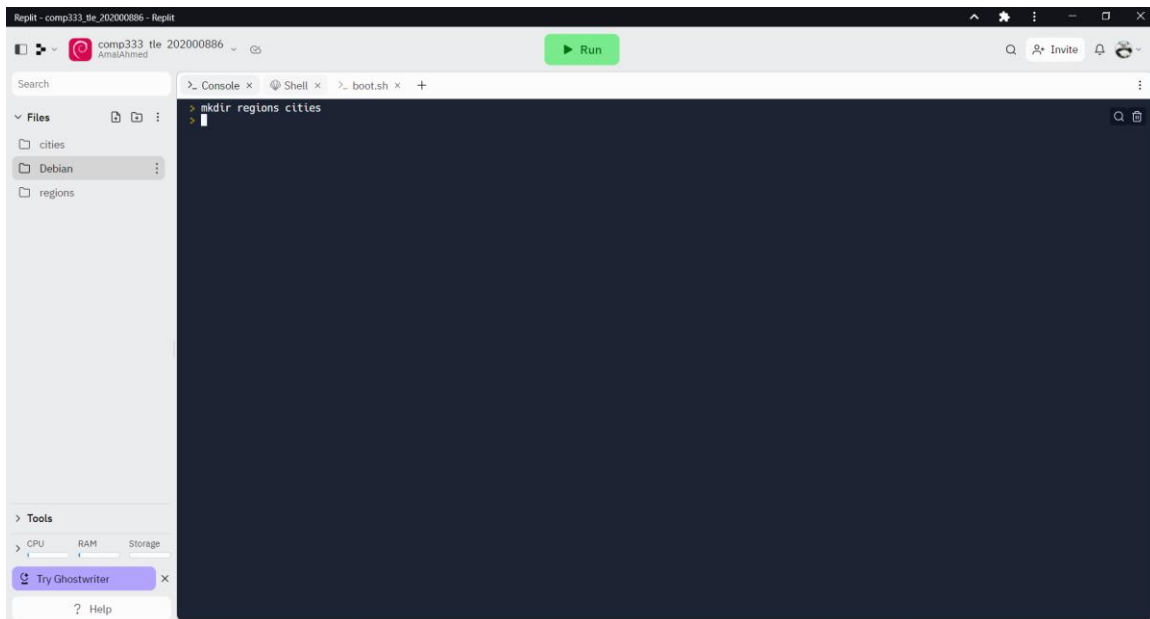
3) Install the file package.

sudo apt-get install file

```
amal@kali:~$ sudo apt-get install file
Reading package lists... Done
Building dependency tree
Reading state information... Done
file is already the newest version (1:5.35-4).
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
amal@kali:~$
```

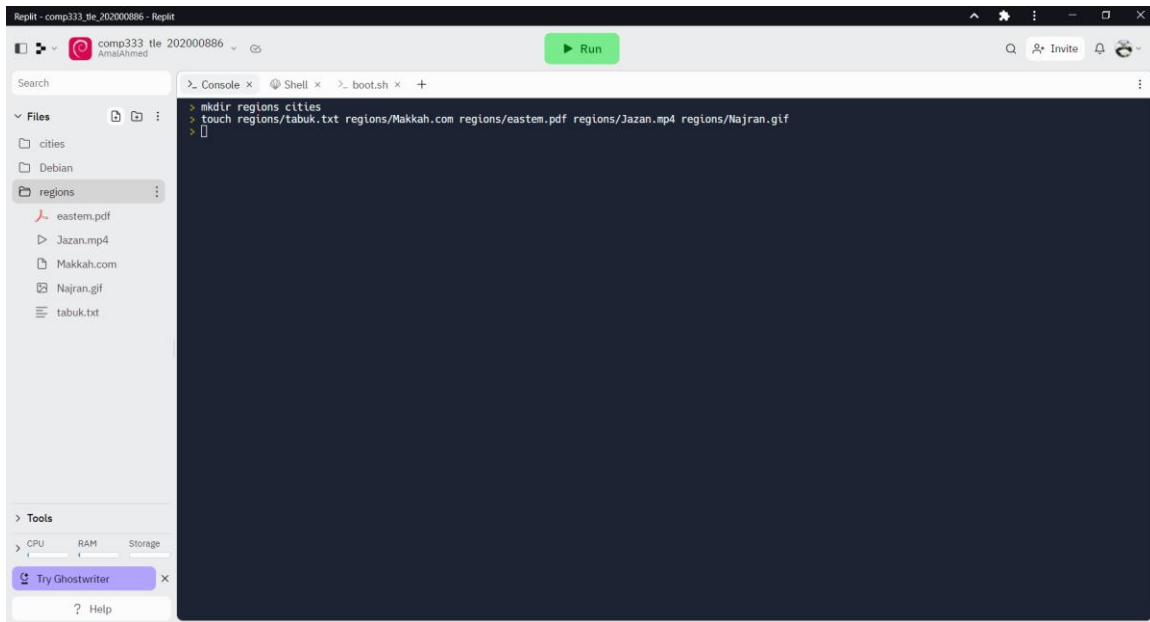
4) Create two directories: regions, and cities.

mkdir regions cities



5) Create 5 files in the regions directory: tabuk.txt, Makkah.com, eastern.pdf, Jazan.mp4, and Najran.gif.

touch regions/tabuk.txt regions/Makkah.com regions/eastem.pdf  
regions/Jazan.mp4 regions/Najran.gif

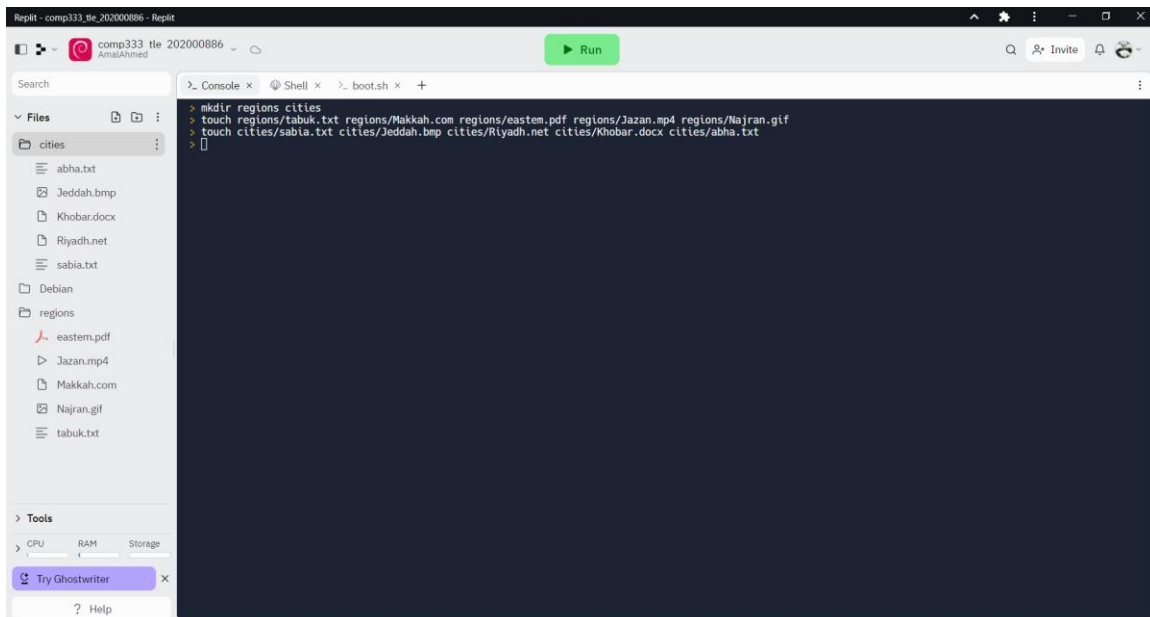


The screenshot shows a Replit terminal window with the title "comp333\_tle\_202000886 - Replit". The left sidebar displays a file explorer with a "regions" directory containing files: "eastern.pdf", "Jazan.mp4", "Makkah.com", "Najran.gif", and "tabuk.txt". The terminal window shows the following commands and output:

```
> mkdir regions cities
> touch regions/tabuk.txt regions/Makkah.com regions/eastern.pdf regions/Jazan.mp4 regions/Najran.gif
>
```

6) Create 5 files in the cities directory: sabia.txt, Jeddah.bmp, Riyadh.net, Khobar.docx, and abha.txt

touch cities/sabia.txt cities/Jeddah.bmp cities/Riyadh.net cities/Khobar.docx cities/abha.txt

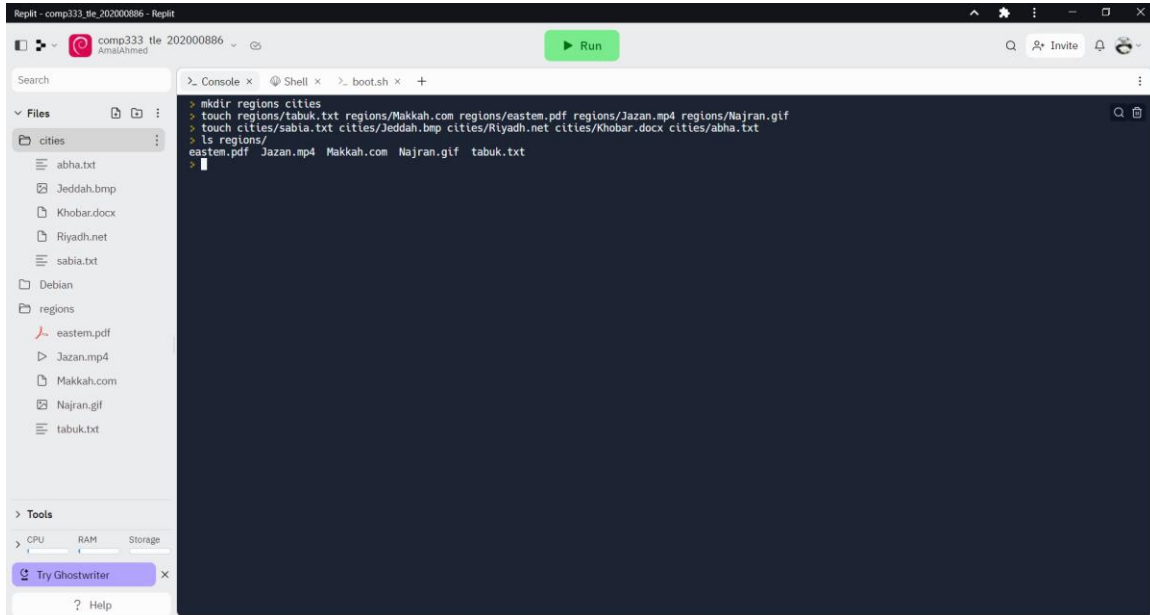


The screenshot shows the same Replit terminal window after executing the commands to create files in the "cities" directory. The left sidebar now shows a "cities" directory containing files: "abha.txt", "Jeddah.bmp", "Khobar.docx", "Riyadh.net", and "sabia.txt". The terminal window shows the following commands and output:

```
> mkdir regions cities
> touch regions/tabuk.txt regions/Makkah.com regions/eastern.pdf regions/Jazan.mp4 regions/Najran.gif
> touch cities/sabia.txt cities/Jeddah.bmp cities/Riyadh.net cities/Khobar.docx cities/abha.txt
>
```

7) Display the content of the regions directory.

ls regions/



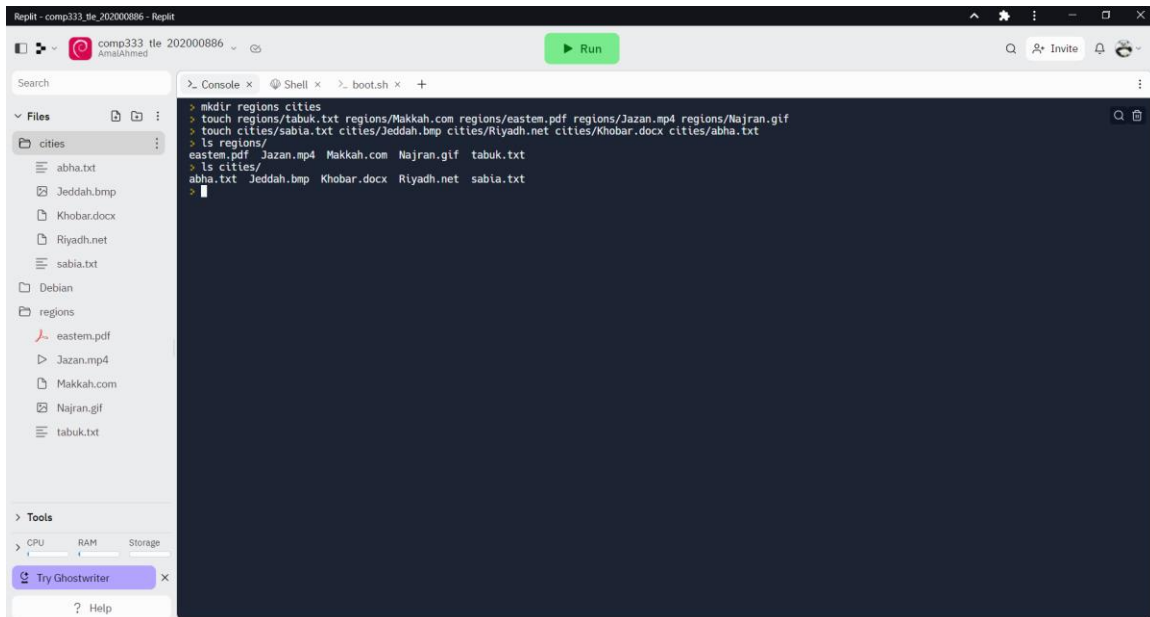
The screenshot shows a Replit terminal window with the following commands and output:

```
> mkdir regions cities
> touch regions/tabuk.txt regions/Makkah.com regions/eastem.pdf regions/Jazan.mp4 regions/Najran.gif
> touch cities/sabia.txt cities/Jeddah.bmp cities/Riyadh.net cities/Khobar.docx cities/abha.txt
> ls regions/
eastem.pdf Jazan.mp4 Makkah.com Najran.gif tabuk.txt
>
```

The left sidebar shows a file explorer with a 'regions' directory containing the files listed in the terminal output.

8) Display the content of the cities directory

ls cities/



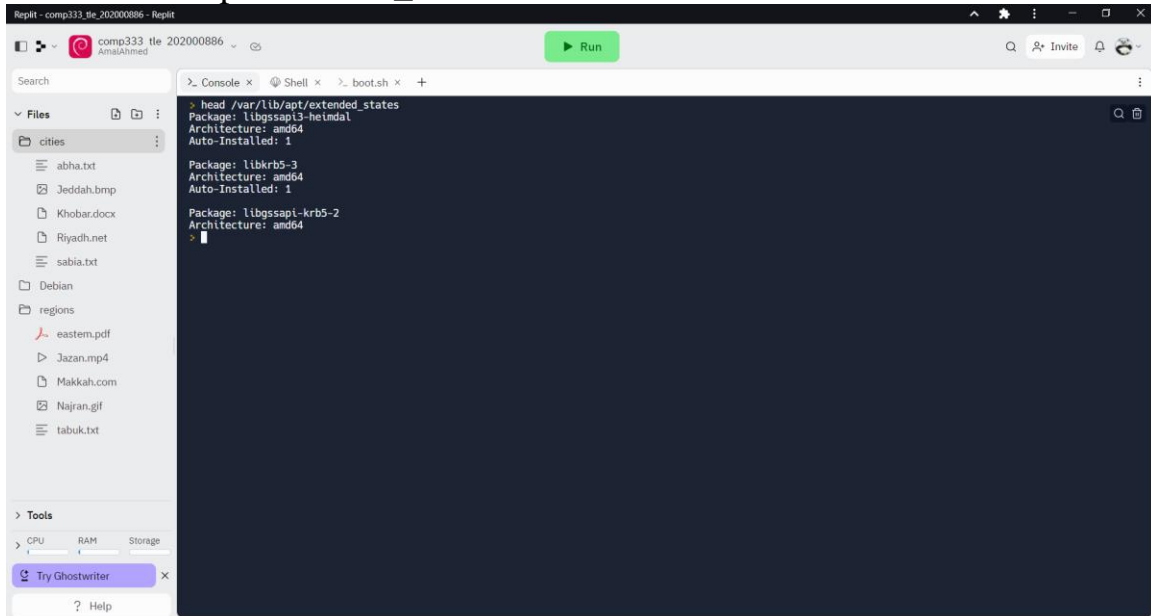
The screenshot shows the same Replit terminal window with the following commands and output:

```
> ls cities/
abha.txt Jeddah.bmp Khobar.docx Riyadh.net sabia.txt
>
```

The left sidebar shows the 'cities' directory selected, containing the files listed in the terminal output.

9) Display the beginning of the file: extended\_states located in var/lib/apt

`head /var/lib/apt/extended_states`



```
Replit - comp333_tle_202000886 - Replit
comp333_tle_202000886
AmalAhmed
Run

Search
Files
cities
abha.txt
Jeddah.bmp
Khobar.docx
Riyadh.net
sabla.txt
Debian
regions
eastern.pdf
Jazan.mp4
Makkah.com
Najran.gif
tabuk.txt
Tools
CPU RAM Storage
Try Ghostwriter
Help

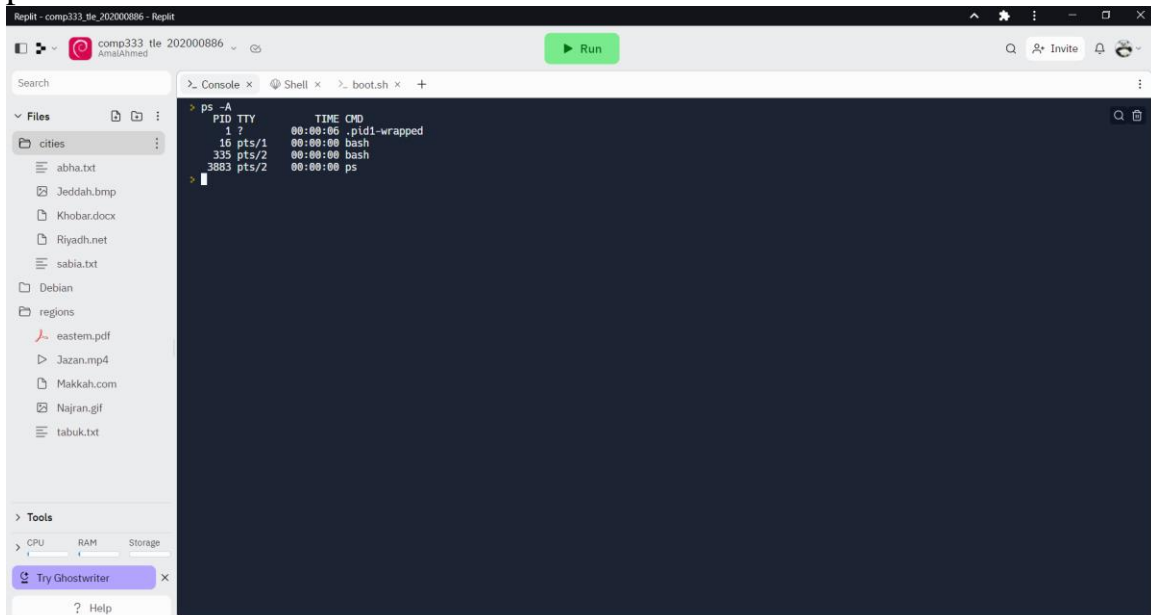
> head /var/lib/apt/extended_states
Package: libgsap3-heurial
Architecture: amd64
Auto-Installed: 1

Package: libkrb5-3
Architecture: amd64
Auto-Installed: 1

Package: libgsapi-krb5-2
Architecture: amd64
>
```

10) Display all processes.

`ps -A`



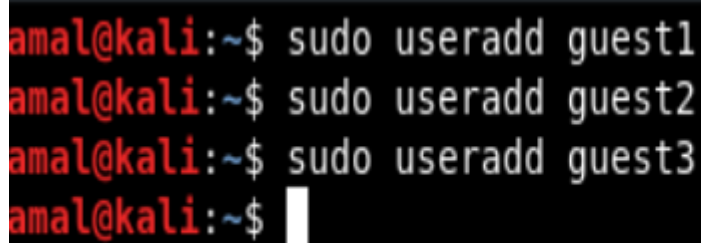
```
Replit - comp333_tle_202000886 - Replit
comp333_tle_202000886
AmalAhmed
Run

Search
Files
cities
abha.txt
Jeddah.bmp
Khobar.docx
Riyadh.net
sabla.txt
Debian
regions
eastern.pdf
Jazan.mp4
Makkah.com
Najran.gif
tabuk.txt
Tools
CPU RAM Storage
Try Ghostwriter
Help

> ps -A
  PID TTY          TIME CMD
    1 ?        00:00:00 .pid1-wrapped
   16 pts/1    00:00:00 bash
   335 pts/2    00:00:00 bash
   3883 pts/2    00:00:00 ps
>
```

11) Add/create three users: guest1, guest2 and guest3

```
sudo useradd guest1
sudo useradd guest2
sudo useradd guest3
```



```
amal@kali:~$ sudo useradd guest1
amal@kali:~$ sudo useradd guest2
amal@kali:~$ sudo useradd guest3
amal@kali:~$
```

12) Display the passwords of the guest1, guest2 and guest3.

```
sudo grep '^guest[1-3]:' /etc/shadow
```



```
amal@kali:~$ sudo grep '^guest[1-3]:' /etc/shadow
guest1:$6$xUoCcLdqRa9166FG$.urpemi5qKS7Khf0p0VABKHdP3Ti8In0TshMfiJcrvtc0bGk4QCgZ
PNmonVINwAMEFzEEvjB7yVlIHciZMh7f/:19395:0:99999:7:::
guest2:$6$QfKHcy2k3IrzV3e8$bcSkLQ0R5c0xmWy1JaE8FNIhWfobJQzwVi8i4q0Nz0d7cogHwwtrS
8MoURbRp.s3Pa97HC/f0tEl9x4qXmmFf0:19395:0:99999:7:::
guest3:$6$zuepGbFCANXmLs5/$jOUGjYNkBf.AmXASfy52X1xWtKP8rvMD0/w2nYnfN6/cMGaIfvj0S
4Zjti0j806t02cKLhU9VNYEseE0Mo/891:19395:0:99999:7:::
```

13) Add/create a group named: HelloGuests.

```
Sudo groupadd HelloGuests
```

```
amal@kali:~$ groupadd HelloGuests
groupadd: Permission denied.
groupadd: cannot lock /etc/group; try again later.
amal@kali:~$ sudo groupadd HelloGuests
amal@kali:~$
```

14) Add guest1, guest2, and guest3 to HelloGuests group.

```
Sudo usermod -aG HelloGuests guest1
Sudo usermod -aG HelloGuests guest2
Sudo usermod -aG HelloGuests guest3
```

```
amal@kali:~$ sudo usermod -aG HelloGuests guest1
amal@kali:~$ sudo usermod -aG HelloGuests guest2
amal@kali:~$ sudo usermod -aG HelloGuests guest3
amal@kali:~$
```

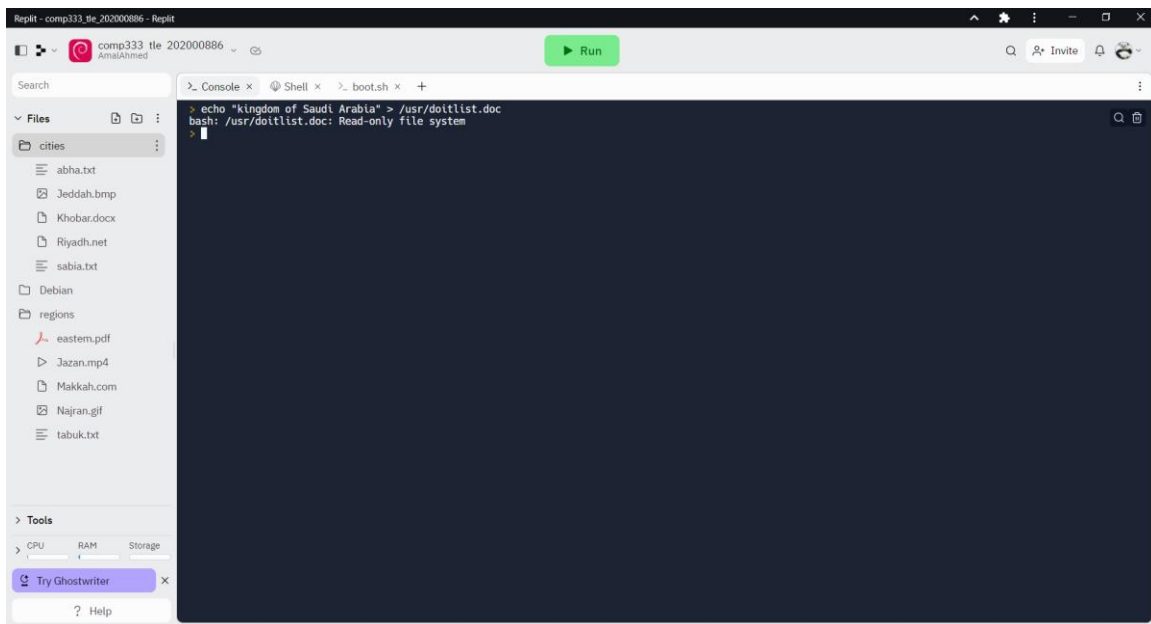
15) Display/show that guest1, guest2, and guest3 have been added to group: HelloGuests.

```
Sudo cat /etc/group | grep HelloGuests
```

```
amal@kali:~$ sudo cat /etc/group | grep HelloGuests
HelloGuests:x:1004:guest1,guest2,guest3
amal@kali:~$
```

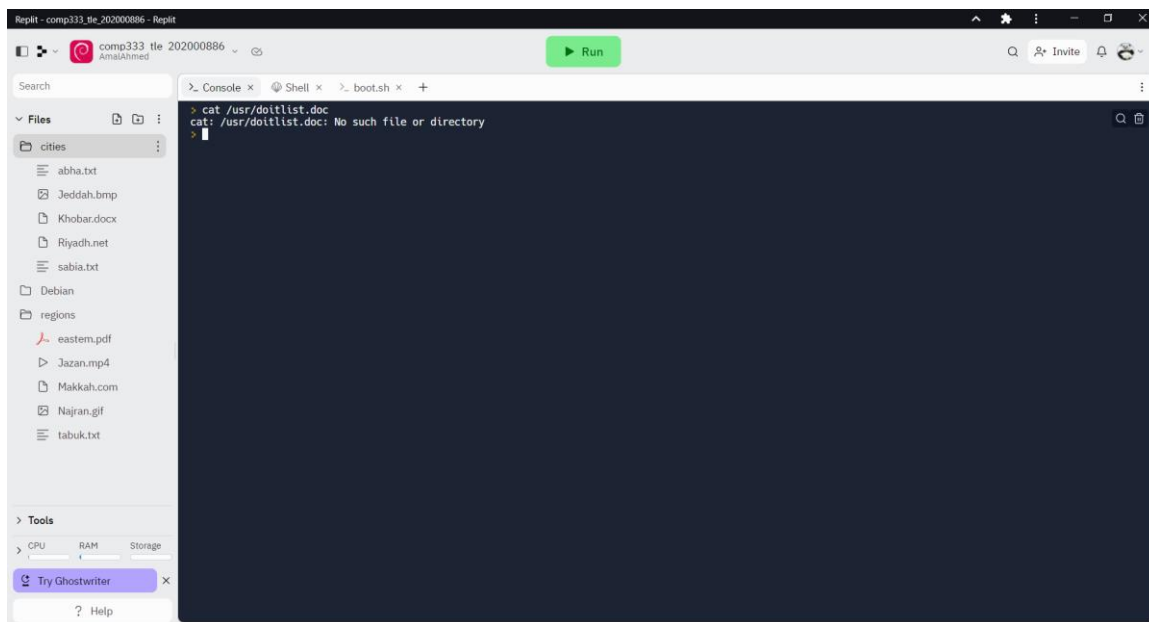
16) Print/echo 'kingdom of Saudi Arabia' to a file: /usr/doctype.doc

```
echo "kingdom of Saudi Arabia" > /usr/doctype.doc
```



17) Open the file doitlist.doc, and show what is inside it.

`cat /usr/doitlist.doc`





18) Write an executable file name: helloworld.exe, where it defines two variables:

a=15, b=30, and c=a+b, then echo/print the value of c.

```
touch helloworld.exe
```

```
#!/bin/bash
```

```
a=15
```

```
b=30
```

```
c=$((a + b))
```

```
echo $c
```

