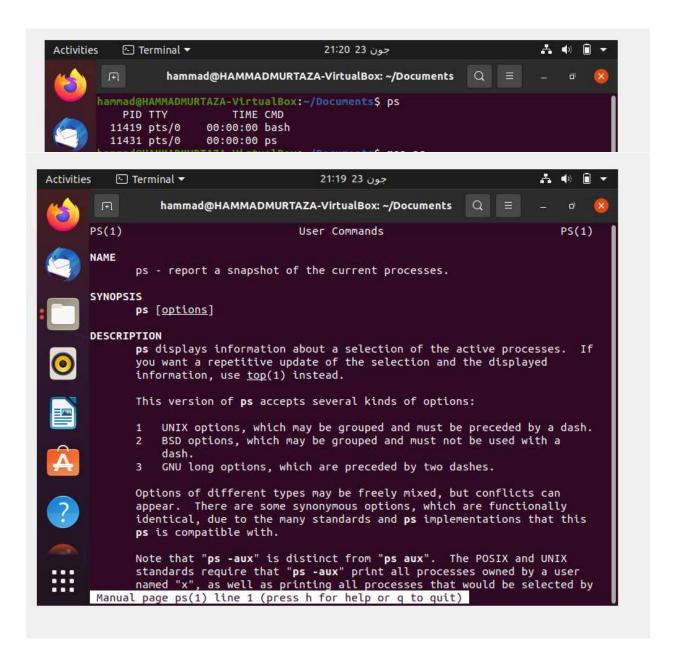
# **HAMMAD MURTAZA**

SID: 11146

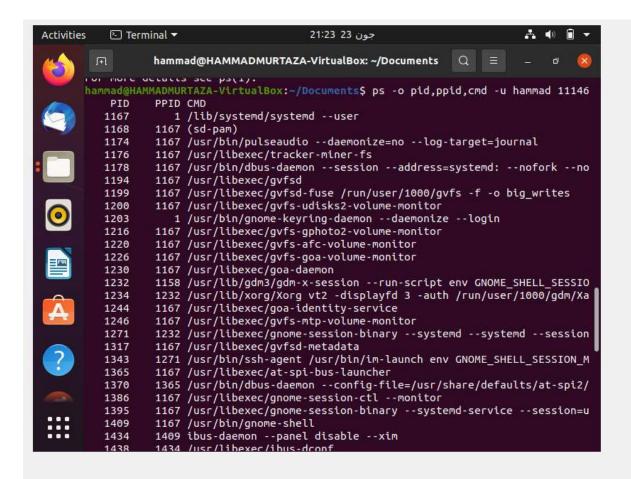
CID: 107241

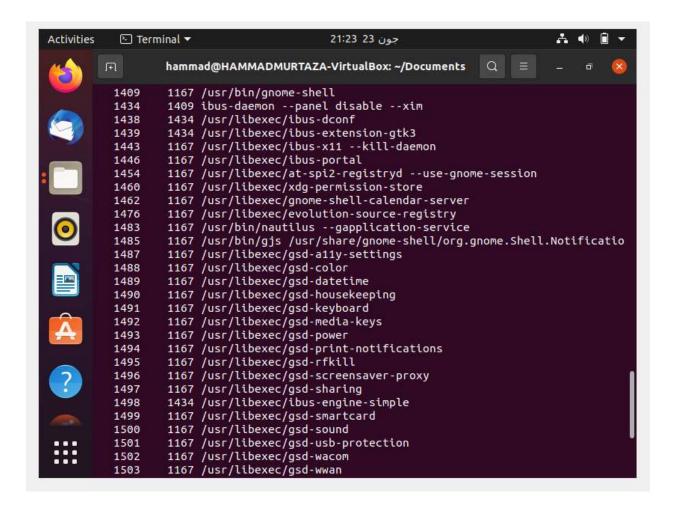
OS LAB 7

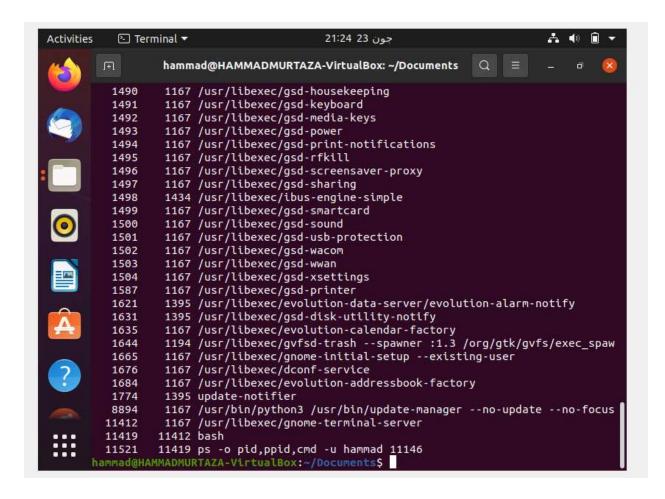
Q1:



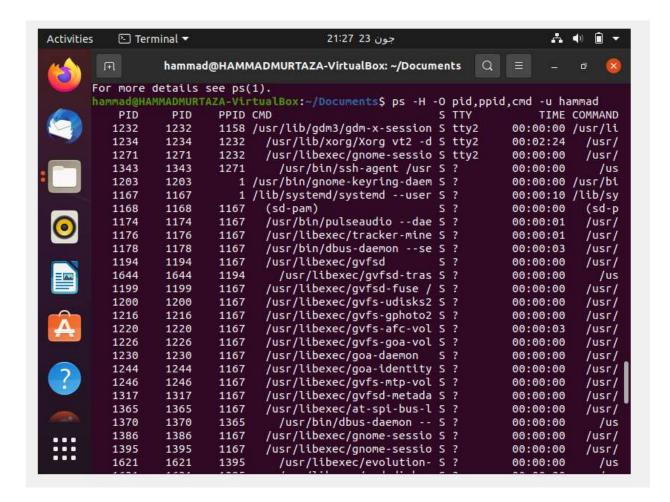
### **Q2**:

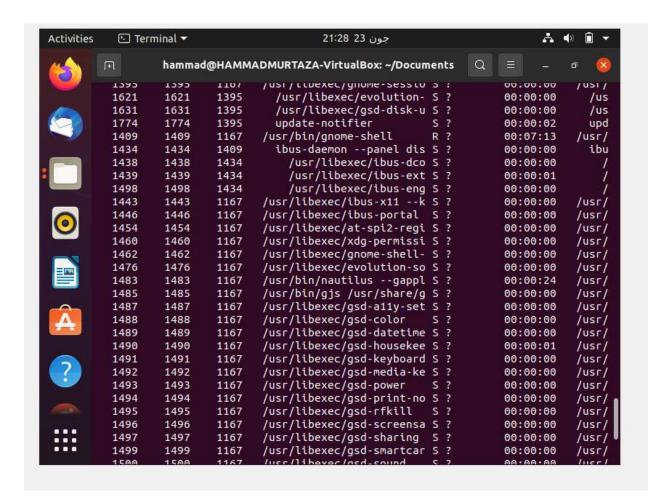


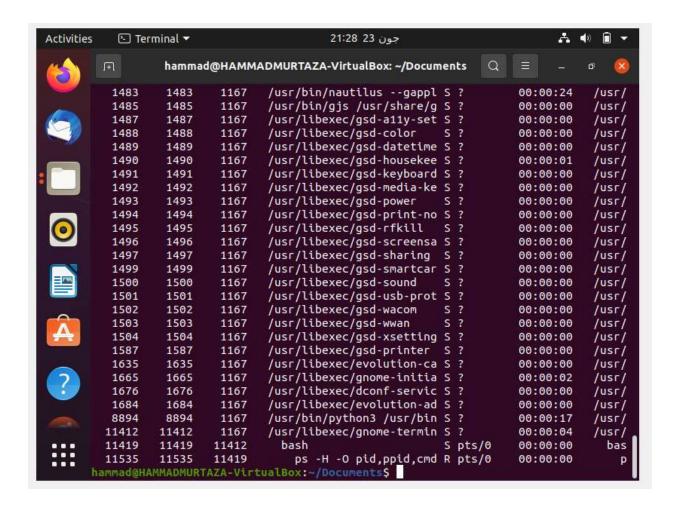




## **Q3:**

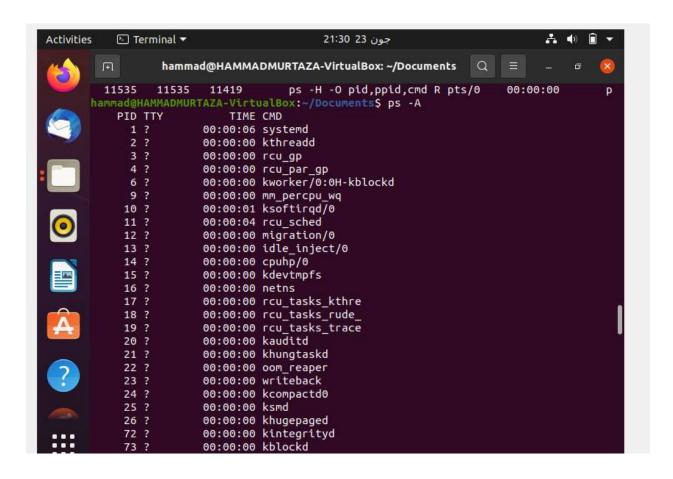


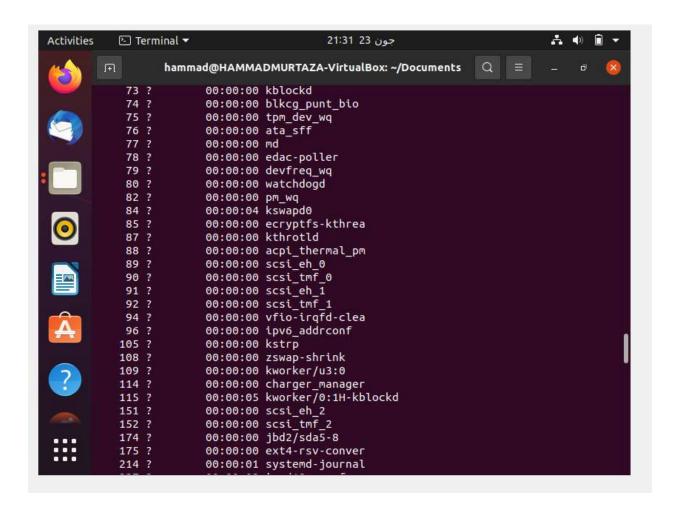


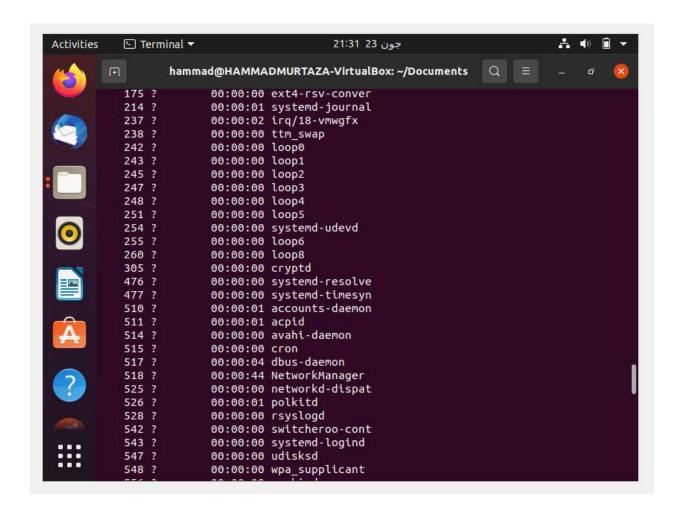


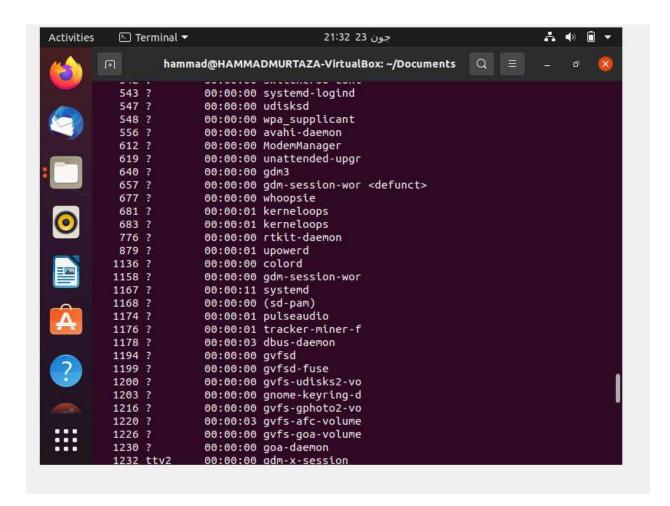
# **Q4**:

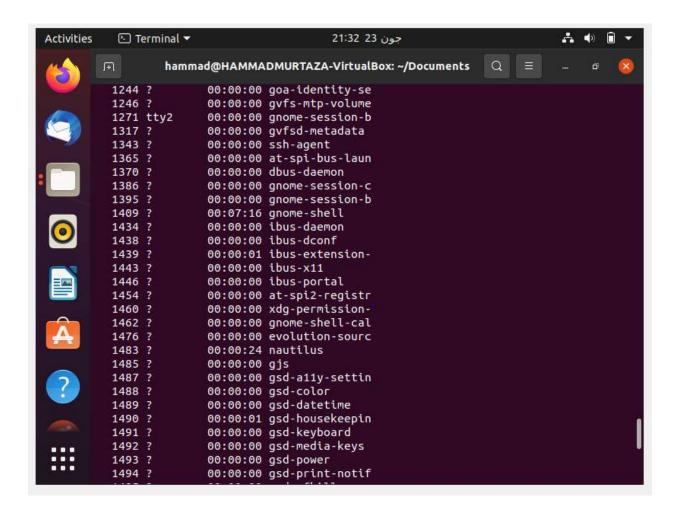
### Ps -A COMMAND:

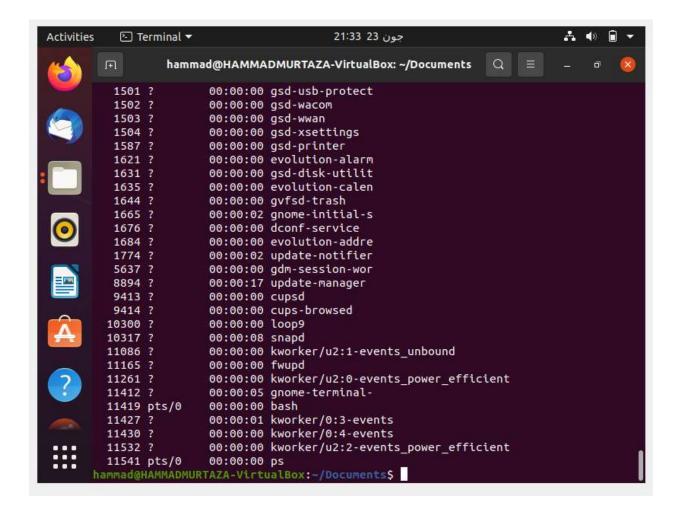












# Now using tail command obtain the last six line output from ps-A command:

```
11541 pts/0 00:00:00 ps
hammad@HAMMADMURTAZA-VirtualBox:~/Documents$ ps -A | tail -n 6
11412 ? 00:00:06 gnome-terminal-
11419 pts/0 00:00:00 bash
11427 ? 00:00:01 kworker/0:3-events
11430 ? 00:00:00 kworker/0:4-events
11546 pts/0 00:00:00 ps
11547 pts/0 00:00:00 bash
hammad@HAMMADMURTAZA-VirtualBox:~/Documents$
```