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***Operating System Lab***

**Lab Report**

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**Discipline:** Data Science

**Content:** Database System Lab

**Department of IT & CS**

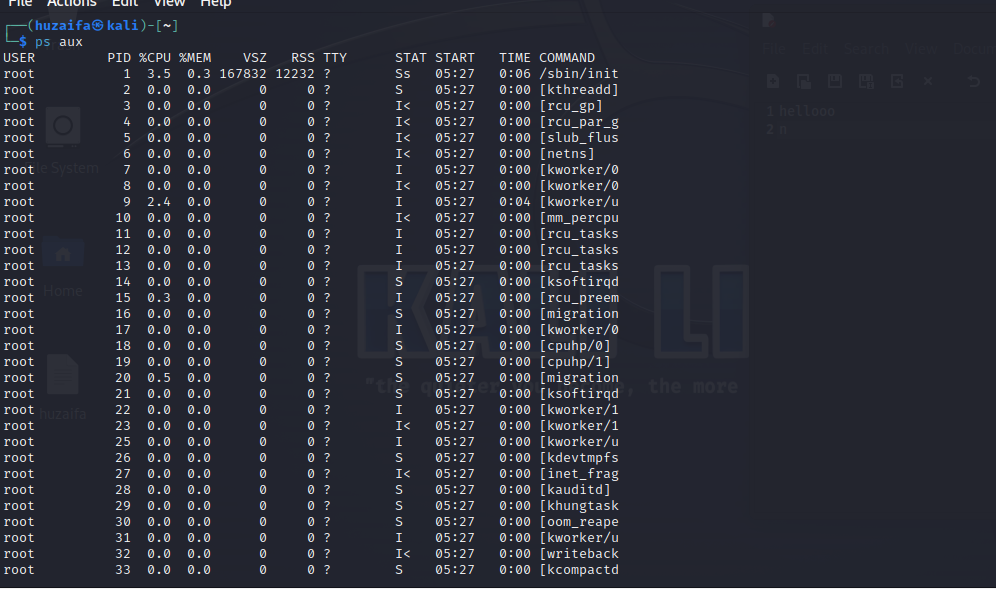
**Course Instructor:** Dr Rizwan Akhtar/Rizwan Ali **Dated:** 16-May-2023

**Semester:** Spring 2023 **Section:** DS21

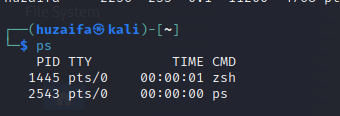
**COMP-262L: Operating Systems**

Activity 1.

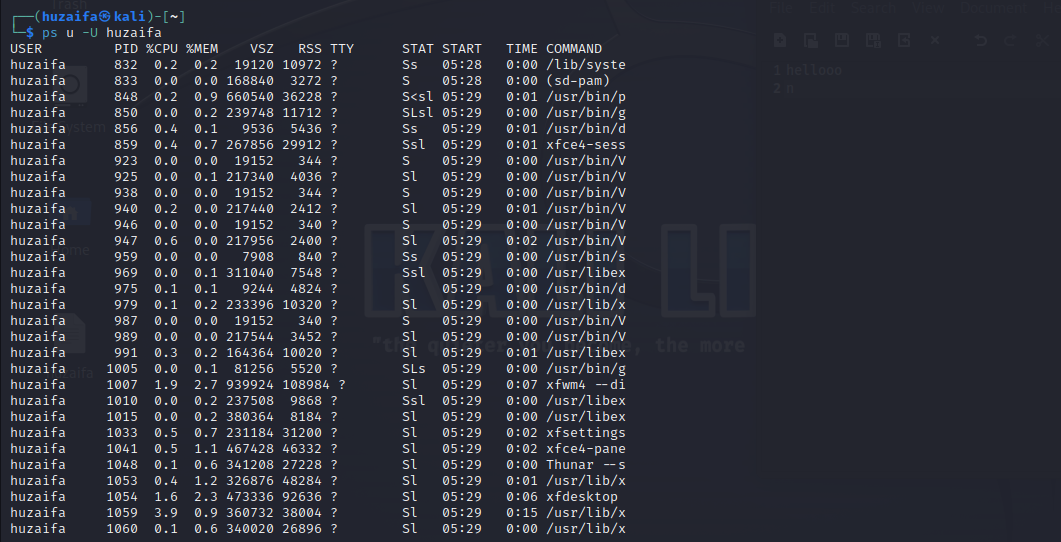
1. Display all of the process in current shell :



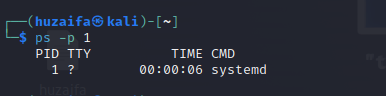
1. Display every active process in the system :



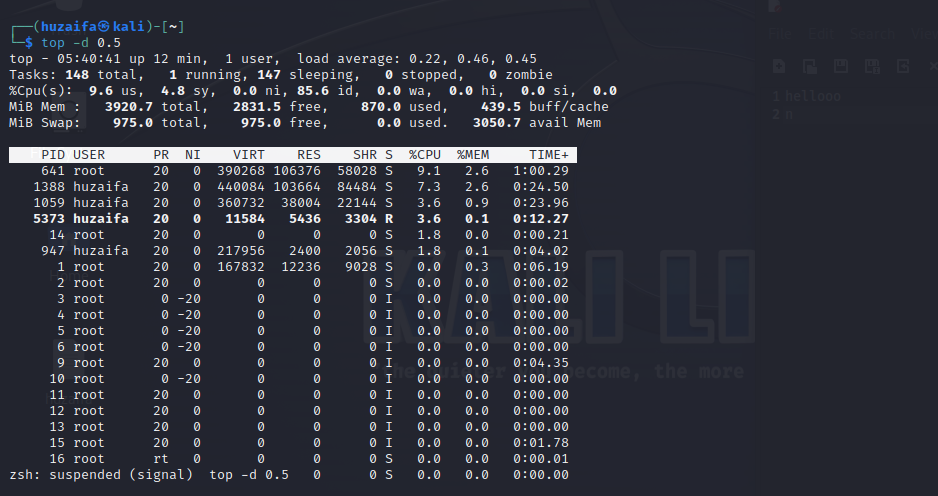
1. Display a full-format listing of processes owned by user ubuntu :

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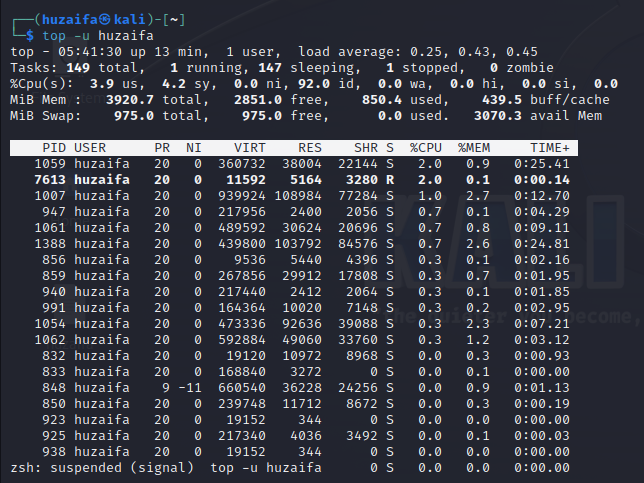
1. Display a process with id 1 :

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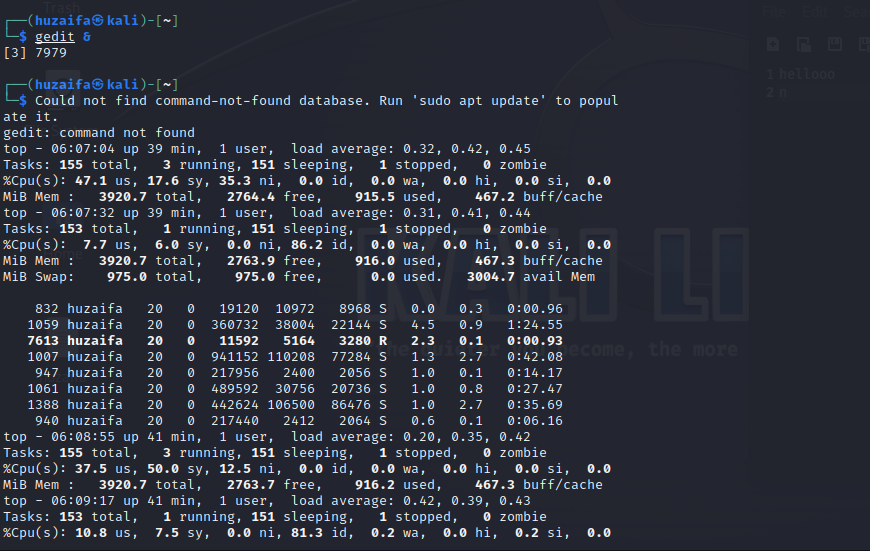
1. Display the dynamic view of the current processes in the system and set the refresh interval 0.5 second :

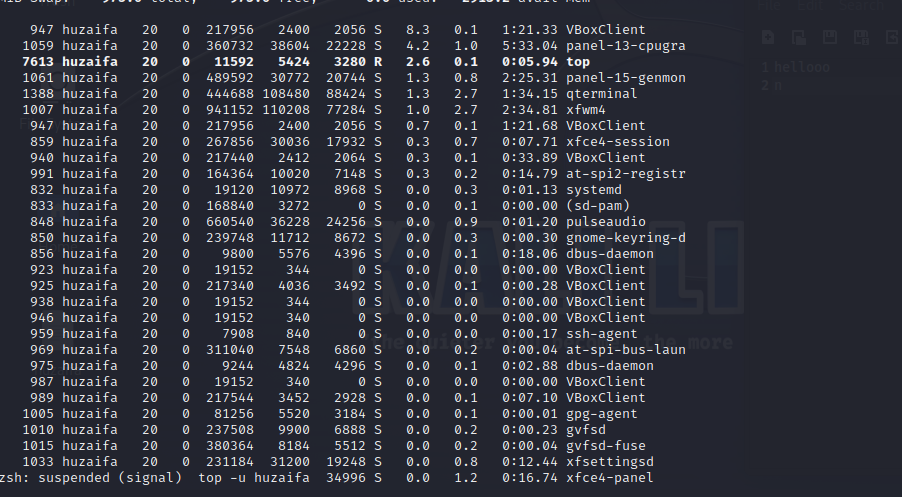
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1. Display the dynamic view of the processes owned by user with id (or name ubuntu) :

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1. Start the gedit program in background and then bring it foreground:

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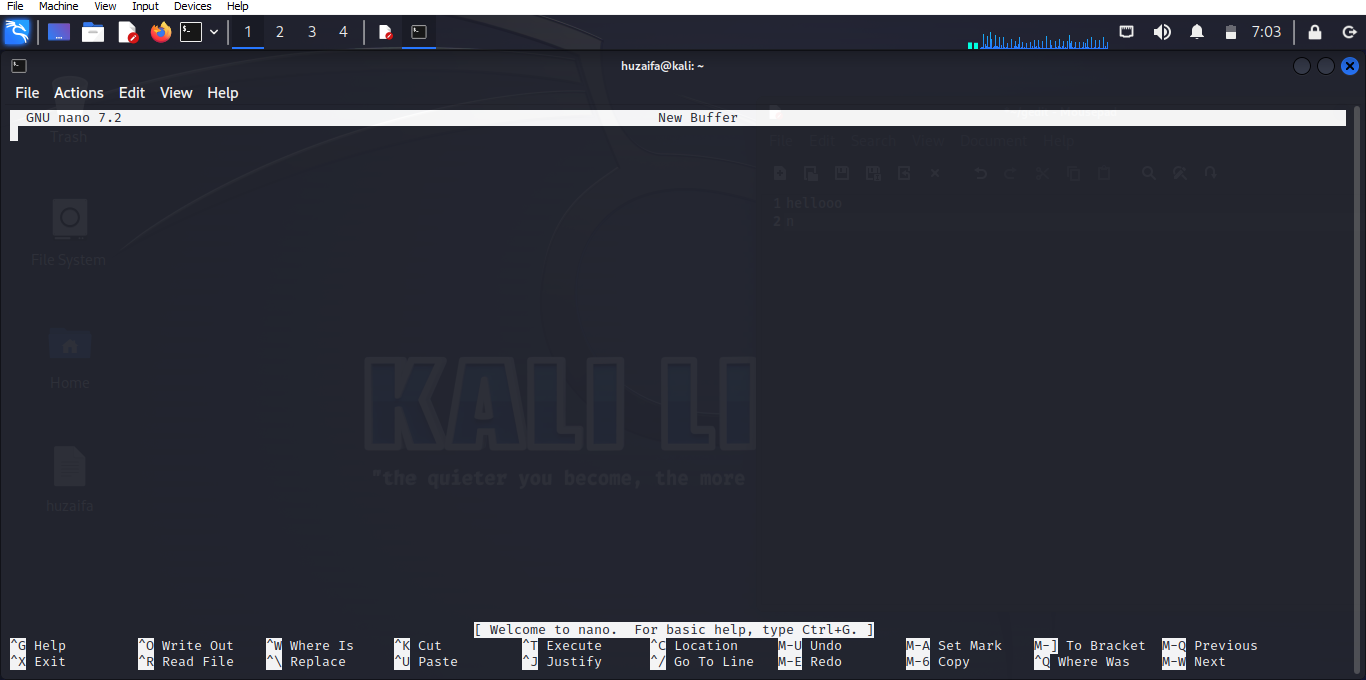
1. Suspend the gedit program:

To suspend the "gedit" program, you can use the Ctrl+Z keyboard shortcut **.**

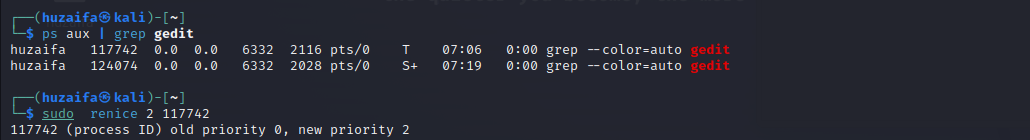
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Activity 2:

1. Start the gedit program with priority 10:

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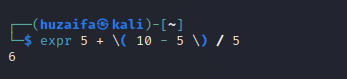
1. Reset the priority of gedit :

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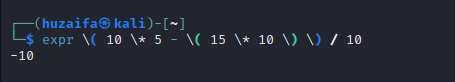
Activity 3:

Evaluate the following expressions on command line (both through expr and bc ):

1. 5+(10-5)/5 Ans. 6



1. 2 (10\*5-(15\*10)) /10 Ans. -10



1. (31.5 - 12)/4.1 Ans. 4.756





1. (104.5-(15.3\*10.4)) /10.5 Ans. -5.2019

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