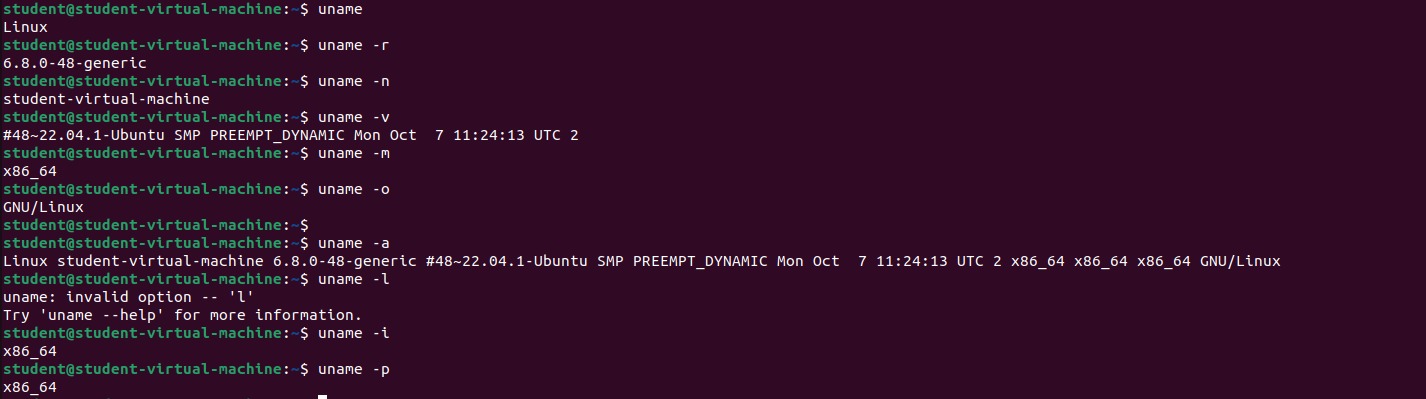
**Riphah International University Gulberg Green**

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**Name: AQSA KHURRAM  
Sap id: 50086  
Course: Operating System lab**

**Lab: 05**

**Task 1:**



 **-r**: Displays the kernel release version.

 **-m**: Shows the machine hardware name (architecture).

 **-p**: Displays the processor type (if available).

 **-I**: Shows the hardware platform (e.g., x86\_64).

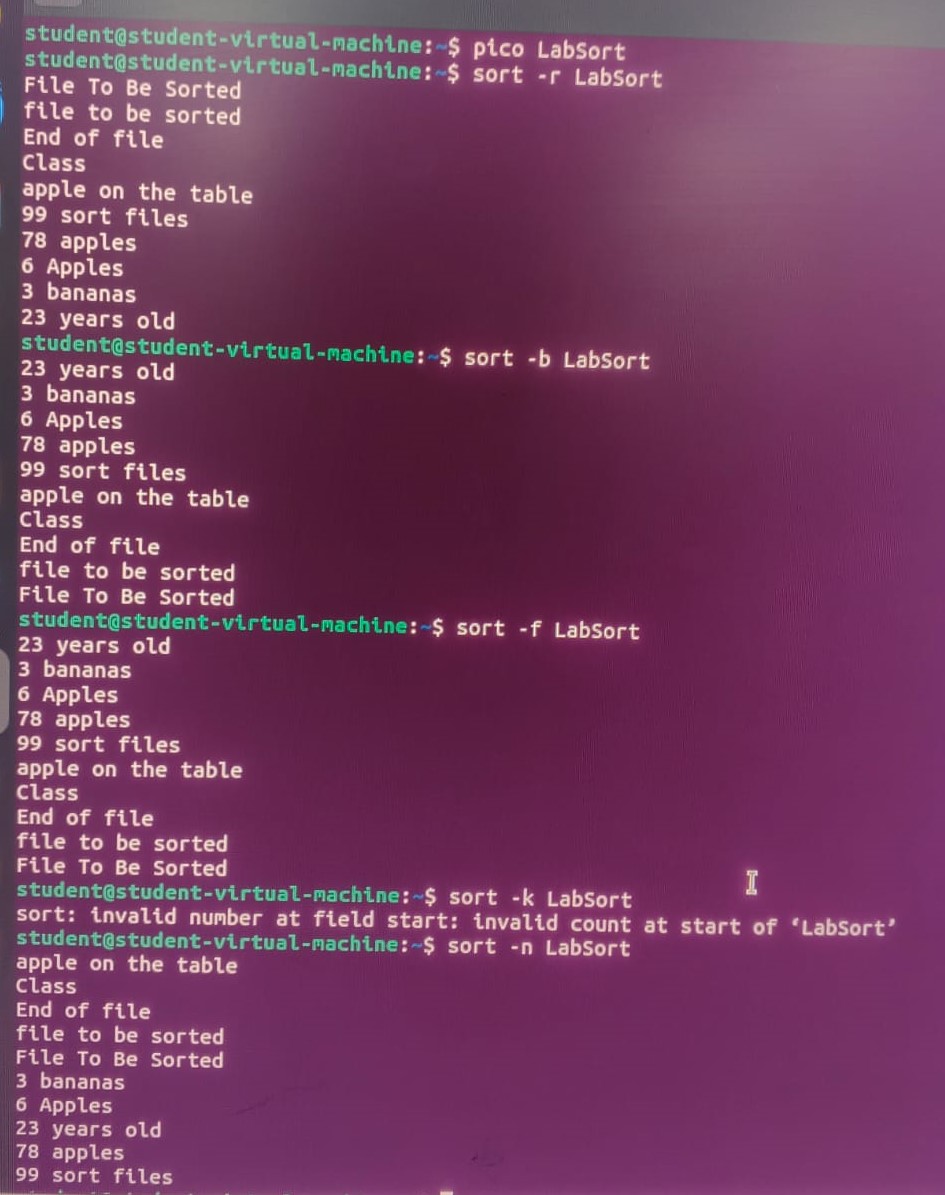
 **-o**: Displays the operating system name.

 **-a**: Prints all available system information (kernel, machine, OS, etc.).

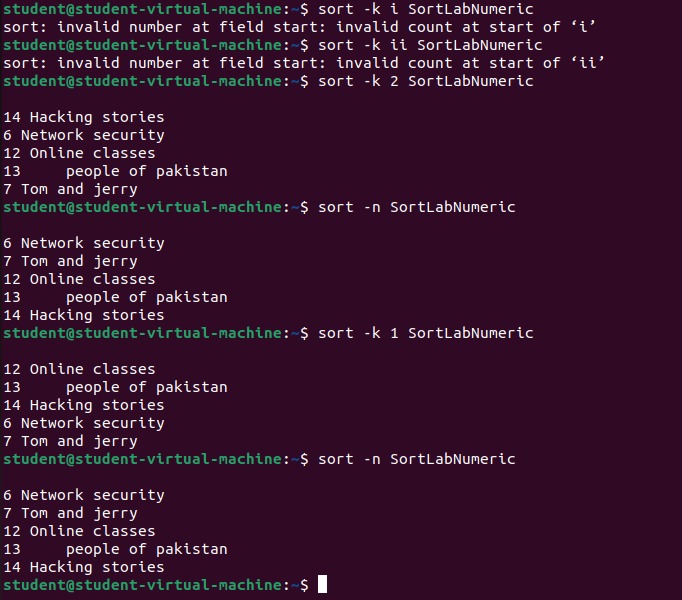
 **-v**: Displays the kernel version.

 **-n**: Displays the network node hostname.

**Task 2:**

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**Task 3:**

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**Task 4:**

**Linux cd Command (Short):**

* cd: Go to home directory.
* cd <path>: Go to specified directory.
* cd -: Go to previous directory.
* cd ~: Go to home directory (same as cd).
* cd ..: Go up one directory.