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(Lab 5)

Task 1:

Question 1:

Run all switches with **uname** command.

And define in one line about these commands according to your understanding.

One-line explanation of each switch:

- -r: Displays the **kernel release** version.
- -m: Shows the machine hardware name (e.g., x86_64).
- -p: Prints the **processor type** (may show "unknown" on some systems).
- -i: Shows the **hardware platform** (may also be "unknown").
- -o: Displays the **operating system** (e.g., GNU/Linux).
- -a: Prints all system information in a single line (includes most other flags).
- -v: Shows the **kernel version** (build date and version info).
- -n: Displays the **network node hostname** of the system.

Task 2:

```
student@student-virtual-machine: ~
      To run a command as administrator (user "root"), use "sudo <command>". See "man sudo_root" for details.
      23 years old
       3 bananas
       6 apples
       78 apples
99 msort files
       apples on the table class
       class
end of file
file to be sorted
file to be sorted
file to be sorted
student@student-virtual-machine:~$ sort -f labsort
       23 years old
3 bananas
        6 apples
        78 apples
        99 msort files apples on the table class
        end of file
        file to be sorted
file to be sorted
file to be sorted
student@student-virtual-machine; $ sort -n labsort
        apples on the table
class
end of file
        file to be sorted
file to be sorted
3 bananas
         6 apples
        o apples
23 years old
78 apples
99 msort files
student@student-virtual-machine;~$
***
ouse pointer outside or press Ctrl+Alt.
```

```
student@student-virtual-machine: $ sort -r labsort file to be sorted
 file to be sorted
 end of file
 apples on the table
 99 msort files
 78 apples
 6 apples
  23 years old
  student@student-virtual-machine:~$ sort -u labsort
  23 years old
3 bananas
  6 apples
  78 apples
99 msort files
   apples on the table
   class
  end of file
file to be sorted
student@student-virtual-machine: $
pointer outside or press Ctrl+Alt.
                                                   Q Search
```

Task 3:

