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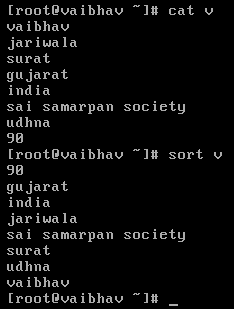
**Sort Command**:

* Sort is the command line utility for sorting lines of text files.
* It is also used to print lines of concatenation of all files in sorted order.
* Sort command takes blank space as filed separator.
* Sort command doesn’t actually sort the files but only prints the sorted output until you redirect the output. It means, if we sort lines of any file, sorted output will be printed on screen, but changes doesn’t reflect in file.
* Sort command will sort lines alphabetically by default.
* If file contains alphabets and numerical, sort command will display numerical first and then alphabets by default.
* If file contains both lowercase and uppercase, sort command will sort lowercase first.

**Commands with different options**:

* Format: sort [options] <filename>
* To sort file alphabetically,

Command: sort <filename>



* To sort file in reverse order,

Command: sort -r <filename>

* To sort file by number(Lowest number to highest number),

Command: sort -n <filename>

* To sort file and ignore case (uppercase & lowercase),

Command: sort -f <filename>

* To sort file and remove duplicates if any,

Command: sort -u <filename>

* To sort file by months (January to December order),

Command: sort -M <filename>

* To sort file with specific field,

By default, sort command separates fields by blank space.

Command: sort -k<number of field> <filename>

Example: sort -k2 v5

It will sort 2nd filed of file v5 separated by blank space.

* To sort file with specific field separated by different delimiter,

Command: sort -k<number of field> -delimiter” <filename>

Example: sort -k2 -t”,” v5

It will sort 2nd filed of file v5 separated by comma (,).

Example: sort -k3 -t”|” v6

It will sort 3rd filed of file v6 separated by pipe (|).

* To sort more than one files at a time and print concatenation of both files output,

Command: sort <filename 1> < filename 2>

We can use all options with this command as well.

* To sort file and save sorted output in another file,

Command: sort <file to be sorted> -o <file in which sorted output to be stored>

Example: sort v4 -o v11

It will sort lines of file v4 and saves sorted output in file 11.

* To check if content of file is already sorted,

Command: sort -c <filename>