**WHAT IS SED COMMAND?**

***SED command is used to many feature in.***

***With whole of ‘Sed’ command we can perform these types of operation ….***

***Feature of SED command ..***

1. **Print line**
2. **Find and replace words**
3. **Delete**
4. **Before the line number we can insert anything...**
5. **After the line number we can append anything…**

***.Syntax of SED command***

# sed ‘action’ filename

* **How we can print line number using SED command .?**

**.these symbols are show feature…** (‘1p’ single line {; sprat line} -[1,10p continue line ] “ last line print ‘$’ use it ” )

**# sed -n ‘1p’ file > single print**

**# sed -n ‘1p;6p’ file > sprat line print**

**# sed -n ‘1;10p’ file > ( Range 1 to 10 line print )**

**# sed -n ‘1p;6p;10,20p;’ file --> Range and line print**

**Sprat Sprat**

**#sed –n ‘$p’ file name -last line print “ $p”**

**# cat -n file | sed -n ‘1p;6p;10,20p;’**

* How to find and replace words into file any oprations?
* Replace words use of sed command (Feature of SED Replaces words and Replace words from more in line including ranges) [we must carefully use, before check and change original file]

**(‘s -Replaces ) (g’ - Globally ) (I’ – Casesenty )**

**# sed ‘s/root/rot/gi’ /file ={we replaces word root into all over file}**

**# sed 's/root/rot/'g sed12.txt > line 1 of word replace**

**# sed ‘2s/root/sk/gi’ file --- (only replace 2number line)**

**# sed ‘1,8s/sbin/ttt/gi’ file== > range add and replace 8**

**line**

**# cat -n file | sed ‘15s/nologin/log/ig’ | grep log**

**(Ya command flied, delimiter calculate karti hai)**

**#sed ‘s/root/srk/2gi’ file “only print head of flied 2 ”**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**\*\*\*\*\*\*HOW TO multiple pattern changes\*\*\*\*\*\*\*\*\*\*\***

**# sed ‘s/sbin/BIN/gi; s/root/rot/ig’ file’’**

**# sed ‘1,5s/sbin/SABIN/ig; 6,9s/nologin/BBB/ig' File > replace | Word with Range used**

**---------------------------++++++++end++++++++++--------------------------**

**.How to save into the file use of ‘(-i) Becarefull’**

**#sed -i ‘s/root/rot/gi’ file > save date**

**# sed ‘s/:/>/g’ file > seymbol change**

**# sed 's/:/\*/g' log-file |sed 's/,/^/g'| sed '8s/x/look/gi' --> <exmple>**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

***.HOW TO COMMENT LINE?***

**# sed ‘6s/^/#/g’ file > comment line**

**# sed ‘6s/^#/ /’ file > Uncomment line**

**#sed ‘s/:/ /’g file > space in lines**

**===================================================**

**.HOW TO DELET LINE ?**

**# cat -n file | sed ‘4d’ > delet line**

**#cat -n file | sed 1,8d’**

**#cat -n file | sed 5,7!d’**

**# cat -n tes1 | sed '1,5!d' > 5,7 ko rah na do baki sab delet kar do**