

Line Address & Print:

sed '1p' EMP.dat

sed -n '1p' EMP.dat

sed " EMP.dat

sed -n '1,3' EMP.dat

sed -n '1,3P' EMP.dat

sed -n '1,3p' EMP.dat

Addressing with ! :

sed -n '1!p' EMP.dat

sed -n '1,11!p' EMP.dat

Context Address :

sed -n '/SMITH/p' EMP.dat

sed -n '/[Ss][Cc][oO][Tt][tT]/p' EMP.dat

sed -n '/PRESIDENT/,/WARD/ p' EMP.dat

Use of = :

sed '=' EMP.dat

sed '=' EMP.dat

Multiple sed script (use of option -e) :

sed -n -e '/SCOTT/' -e /SMITH/ EMP.dat

sed -n -e '/SCOTT/' -e '/SMITH/' EMP.dat

sed -n -e '/SCOTT/p' -e '/SMITH/p' EMP.dat

sed -n -e '1p' -e '\$p' EMP.dat

Addressing with ~ :

seq 20 | sed -n '1~3p'

seq 20 | sed -n '1~2p'

seq 20 | sed -n '2~2p'

Nested Addressing :

sed -n '6,10{/SCOTT/p}' EMP.dat

sed -n '1,5{/SCOTT/p}' EMP.dat

Insert :

sed '1i\

----- New record -----

' EMP.dat

sed '1i\

----- New record -----\

+++++ Another line.....

' EMP.dat

sed '1i\

----- New record -----\

+++++ Another line..... ' EMP.dat

sed 'i\

----- New record -----

' EMP.dat

Append :

```
sed '1a\  
----- New record -----  
' EMP.dat
```

Execution of sed script using option -f :

```
sed -f Insert_append EMP.dat
```

Change :

```
sed '3c\  
centurylink emp ' EMP1.dat
```

```
sed '1,3c\  
centurylink emp ' EMP1.dat
```

Delete:

```
sed '1d' EMP1.dat  
sed '1!d' EMP1.dat
```

Use of option -i :

```
sed -i.bak '1d' EMP1.dat  
sed -i '1i\  
Centurylink Emp Record ' EMP1.dat
```

Transformation :

```
echo "ABCDDCBA" | sed 'y/ABCD/1234/'  
echo "ABCDDCBA" | sed 'y:ABCD:1234:'
```

Substitution:

```
sed 's/MANAGER/PROJECT MANAGER/g' EMP.dat
sed '1,2 s/MANAGER/PROJECT MANAGER/g' EMP.dat
sed '$ s/MANAGER/PROJECT MANAGER/g' EMP.dat
echo "SUBBU" | sed 's./& /g'
echo "SUBBU" | sed 's./&&/g'
echo "SUBBU" | sed 's./&&&/g'
echo "SUBBU" | sed 's./&-&+&/g'
sed 's/MANAGER/PROJECT MANAGER/g' EMP.dat
sed 's/MANAGER/PROJECT &/g' EMP.dat
echo "C:/A/B/C/D" | sed 's:/\::g'
sed 's/SCOTT/KING/g' EMP.dat
```

Write :

```
sed -n '/MANAGER/ w MANAGER.csv' EMP.dat
```

Use of r:

```
ls -l | Header Footer
sed '1r Header' MANAGER.csv
sed '$r Footer' MANAGER.csv
sed 'r Header' MANAGER.csv
```

Use of q (quit) :

```
sed '/PRESIDENT/q' EMP.dat
```

Example of TRE:

```
echo "ctl savis cts cisco" | sed 's/\(.*\) \(.*\) \(.*\) \(.*\)\/3 \1 \4 \2/'
```

Use of h (hold) , n (next) , g (get) :

```
sed -n '/PRESIDENT/{
```

```
h
```

```
n
```

```
p
```

```
g
```

```
p }' EMP.dat
```