Shell Programming

A Necessity for all Programmers

The sed command

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- Parse and transform text using sed

- Print lines
- Delete lines
- Replace characters, words, lines
- String/Files
- **sed**

Delete and Print lines

- Print lines: **sed -n '...p'**
- Delete lines: **sed '...d'**
- Pattern
  - Action on Xth line: **X**
  - Action from line X to line Y: **X,Y**
  - Action excluding from line X to line Y: **X,Y!**
  - Action on line X, Skip Y lines, repeat: **X$\sim$Y**

Substitution

- Structure: **sed 's/Find/ReplaceWith/'**
- All Occurrences: g
- Ignore case: i

Expression	Description
$\wedge$	Denotes the beginning of line
$	Denotes the end of line
.	Denotes single character
*	0 or more occurrences of previous character
[*character*]	Match any one character given

- Manipulate files

Thank you