

Introduction to sed Command

- Sed Command Stands for Stream Editor, basically it edits the stream of data.
- Sed Command Performs lot of operations/functions on a file or on command output
 - Reading/Displaying/Viewing the file content
 - Searching
 - Finding and Replace
 - Insertion or deletion
- Note: sed Also Supports Regular Expressions like grep
- Syntax:
 - `sed [options] commands fileName`
 - `commandOutput | sed [options] commands`

Displaying/Viewing the file Content with sed

➤ Syntax:

➤ `sed [options] commands fileName`

- `sed " fileName` → display File Content
- `sed -n " fileName` → stop Default Display
- `sed -n '2p' fileName` → print 2nd line
- `sed -n '5,7p' fileName` → print 5th to 7th lines
- `sed -n '4,$p' fileName` → print 4th to last line
- `sed -n '$p' fileName` → print last line
- `sed -n '1,+3p' fileName` → print 1st and 3 lines after that
- `sed -n '1~3p' fileName` → print 1st and every 3rd line after that

- `sed -n '/root/p' /etc/passwd`