sed : The stream editor

Spoken Tutorial Project
National Mission on Education through ICT
http://spoken-tutorial.org

Script
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Learning Objectives

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- **sed command**

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- **Through some examples**

System Requirements

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- **GNU/Linux OS**

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- **GNU BASH v. 4.2.24**

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- GNU/Linux OS
- GNU BASH v. 4.2.24
- GNU BASH version 4 or above is recommended for practise

Prerequisites

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Introduction to sed

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- **sed finds some pattern of text in a particular location of a file**

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- **sed is a stream editor**
- **sed finds some pattern of text in a particular location of a file**
- **It performs some display or editing functions**

Introduction to sed

Editing functions like:

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Editing functions like:

- **Insertion**

Introduction to sed

Editing functions like:

- **Insertion**
- **Substitution**

Introduction to sed

Editing functions like:

- **Insertion**
- **Substitution**
- **Deletion of matched text**

Line & Context addressing

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  Address specified by the line numbers

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  Lines that contain particular context, say a particular word

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  Lines that contain particular context, say a particular word

  Regular expressions can be used

Pattern

- **Write pattern within square brackets - []**

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- Write pattern within square brackets - [] to match any one or both of the characters.
- To match patterns, type between front slashes - //
- To print in a file, use w option

Summary

- sed
- To print using sed
- Line Addressing
- Context Addressing

Assignment

- **Use the same text file seddemo.txt**
- **Try to print records from 6th to 12th line**

About the Spoken Tutorial Project

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- More information on this Mission is available at:
  http://spoken-tutorial.org
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