

Sed Special Characters

Spoken Tutorial Project

<https://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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Learning Objectives



Learning Objectives

- **Print command**



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- **Special characters**



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Learning Objectives

- Print command
- Special characters
 - \$



Learning Objectives

- Print command
- Special characters
 - \$
 - ^



Learning Objectives

- Print command
- Special characters
 - \$
 - ^
 - =



Learning Objectives

- **Print command**
- **Special characters**
 - **\$**
 - **^**
 - **=**
 - **&**



System Requirements



System Requirements

- **Ubuntu Linux 18.04 OS**



Pre-requisites



Pre-requisites

- **Basics of Linux**



Pre-requisites

- **Basics of Linux**



Pre-requisites

- Basics of Linux

If not, then go through the relevant tutorials on <https://spoken-tutorial.org>



Code files - IndianBooks.txt



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- The files used in this tutorial are available in the [Code Files](#) link on this tutorial page



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- Please download and extract them



Code files - IndianBooks.txt

- The files used in this tutorial are available in the **Code Files** link on this tutorial page
- Please download and extract them
- Make a copy and then use them while practising



Special Characters



Special Characters

- **^- Matches the beginning of the line**



Special Characters

- **^-** Matches the beginning of the line
- **\$-** Matches the end of the line



Special Characters

- **^** - Matches the beginning of the line
- **\$** - Matches the end of the line
- **.** - Matches any single character



Special Characters

- **^** - Matches the beginning of the line
- **\$** - Matches the end of the line
- **.** - Matches any single character
- ***** - Matches zero or more occurrences



Special Characters

- **^** - Matches the beginning of the line
- **\$** - Matches the end of the line
- **.** - Matches any single character
- ***** - Matches zero or more occurrences
- **[]** - Matches all the characters inside the []



[] Regular expression



[] Regular expression

- **[:alnum:]**- Alphanumeric [a-z A-Z 0-9]
- **[:alpha:]**- Alphabetic [a-z A-Z]
- **[:digit:]**- Numeric digits [0-9]
- **[:lower:]**- Lower case [a-z]
- **[:upper:]**- Upper case [A-Z]
- **[:space:]**- Spaces



Summary

- **Print command**
- **Special characters**
 - **\$**
 - **^**
 - **=**
 - **&**



Assignment

Try the below commands and see the output:

- `sed 's/Indi.* /**** /'
IndianBooks.txt`
- `sed 's/Indi[a-z]*a /**** /'
IndianBooks.txt`



About Spoken Tutorial project

- Watch the video available at https://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- It summarises the Spoken Tutorial project
- If you do not have good bandwidth, you can download and watch it



Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- Conducts workshops using spoken tutorials
- Gives certificates to those who pass an online test
- For more details, please write to contact@spoken-tutorial.org



Answers for THIS Spoken Tutorial

- Questions in THIS Spoken Tutorial?
- Visit
<https://forums.spoken-tutorial.org>
- Choose the minute and second where you have the question
- Explain your question briefly
- The Spoken Tutorial project will ensure an answer

You will have to register to ask questions



Acknowledgements

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Thank You

Thanks for joining
<https://spoken-tutorial.org>

