

awk

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

Script

Anirban Choudhury and Sachin Patil

Narration

Ashwini Patil

10 April 2013



Learning Objectives



Learning Objectives

- ▶ **awk command**



Learning Objectives

- ▶ **awk command**
- ▶ **Through some examples**



System Requirements



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- ▶ **Ubuntu Linux v. 12.04 OS**



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- ▶ **Ubuntu Linux v. 12.04 OS**
- ▶ **GNU BASH v. 4.2.24**



Introduction



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Introduction

- ▶ **awk** is a very powerful text manipulation tool
- ▶ It is named after its authors **A**ho, **W**einberger and **K**ernighan
- ▶ It can perform several functions



Introduction



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- ▶ It operates at the field level of a record



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- ▶ It operates at the field level of a record
- ▶ So, it can easily access and edit the individual fields of the record



Parameters



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- ▶ **\$1(Dollar 1)** would indicate the first field
- ▶ Similarly we can have **\$2, \$3** and so on, for respective fields
- ▶ **\$0** represents the entire line



Summary

- ▶ To print using awk
- ▶ Regular expression in awk
- ▶ To list the entries for a particular stream
- ▶ To list only the second and the third fields
- ▶ To display a formatted output



Assignment

- ▶ **Display roll no., stream and marks of Ankit Saraf**



About the Spoken Tutorial Project

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



Acknowledgements

- ▶ **Spoken Tutorial Project is a part of the Talk to a Teacher project**
- ▶ **It is supported by the National Mission on Education through ICT, MHRD, Government of India**
- ▶ **More information on this Mission is available at:**

<http://spoken-tutorial.org/NMEICT-Intro>

