

# awk

**Talk to a Teacher**

**<http://spoken-tutorial.org>**

**National Mission on Education through ICT**

**<http://sakshat.ac.in>**

**Script**

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# Learning Objectives



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- ▶ **awk command**



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- ▶ **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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- ▶ **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

- ▶ Watch the video available at [http://spoken-tutorial.org/What\\_is\\_a\\_Spoken\\_Tutorial](http://spoken-tutorial.org/What_is_a_Spoken_Tutorial)
- ▶ It summarises the Spoken Tutorial project



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- ▶ 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](mailto:contact@spoken-tutorial.org)





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- ▶ 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>

