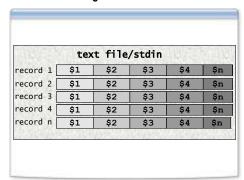
Overview

Secord Processing
Printing with awk
Examples

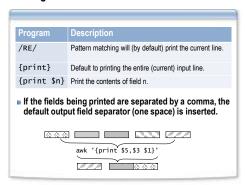
## What is awk

B awk is a pattern scanning and processing utility, with its
own programming language
<ul> <li>very similar to the C programming language</li> </ul>
■ awk has regular expression pattern-matching capability.
input lines awk_program output lines
■ Syntax:
awk [options] '[pattern] [{action}]' [file] awk [options] -f progfile [file]

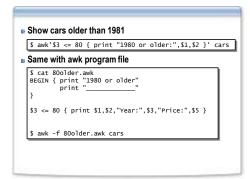
## **Record Processing**



## Printing with awk



## **Examples**

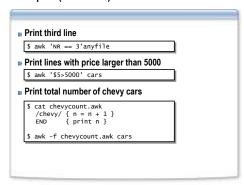


## **Examples (continued)**

```
■ Show expensive cars, sorted by price

| S awk 'SNF > 8000' cars | sort +4 -nr |
| Non-US cars |
| S cat foreign.awk |
| S1 == "toyota" { print $3, $1, $2, ": $" $5 }
| S1 == "fiat" { print $3, $1, $2, ": $" $5 }
| S1 == "honda" { print $3, $1, $2, ": $" $5 }
| S awk -f foreign.awk cars |
| Get file permissions and file name |
| Is -1 | awk '{ print $1 , $9 }'
```

## **Examples (continued)**



## **Review Exercises**



# **Topics for Review**

	1 Read the review topics 2 Think about what you learned in this Session in the context of your own work environment 3 Discuss your answers as a class
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