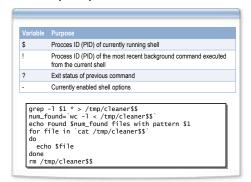
Chapter 8
Special Variables

Overview

- Special parameters
- Command-line arguments
- **■** Getting options

Lesson: Special parameters



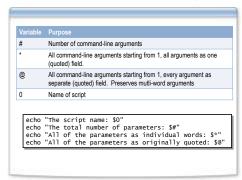
Lesson: Command-line arguments

- Command line input
- Special parameters for positional parameters
- $_{\hbox{\scriptsize I\hspace{-.075em}\tiny I\hspace{-.075em}\hbox{\scriptsize I}}}$ The shift command
- The set command

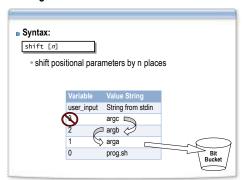
Command line input

Scat color3 echo You are now running program: \$0 echo The value of command line argument \#1 is: \$1 echo The value of command line argument \#2 is: \$2 \$./color3 red green You are now running program: ./color3 The value of command line argument #2 is: red The value of command line argument #1 is: red

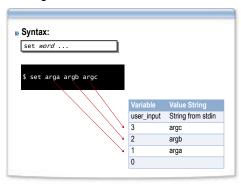
Special parameters for command-line arguments



Shifting Parameters



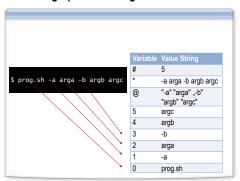
Creating Positional Parameters



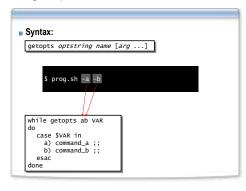
Lesson: Getting options

Processing Options and Arguments
 The getopts Command
 The OPTARG Variable
 The OPTIND Variable

Processing Options and Arguments



The getopts Command



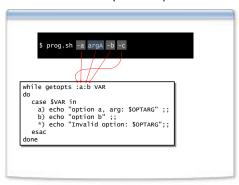
The getopts Command (Continued)



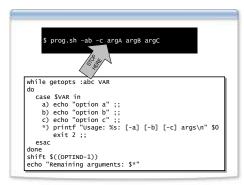
The OPTARG Variable



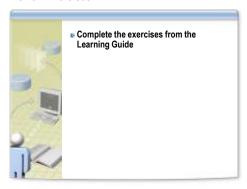
The OPTARG Variable (Continued)



The OPTIND Variable



Review Exercises



Topics for Review

