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Chapter 1: bash Basics

· Shell. Figure 1-1. The shell is a layer around the UNIX operating system - Shell is any user interface to the UNIX OS. It translate user language + OS larguage when Hele's input, and vise versu for output - Many types of UZ. bash belong to character-based UZ. the most common one. textual command import * #TOUL RTE CIUL . To TELIN graphic MID it. ZITO Monte touch-screen . -. - What is a Shell ? · Shell's jobs is to translate wher command like into OS instructions.

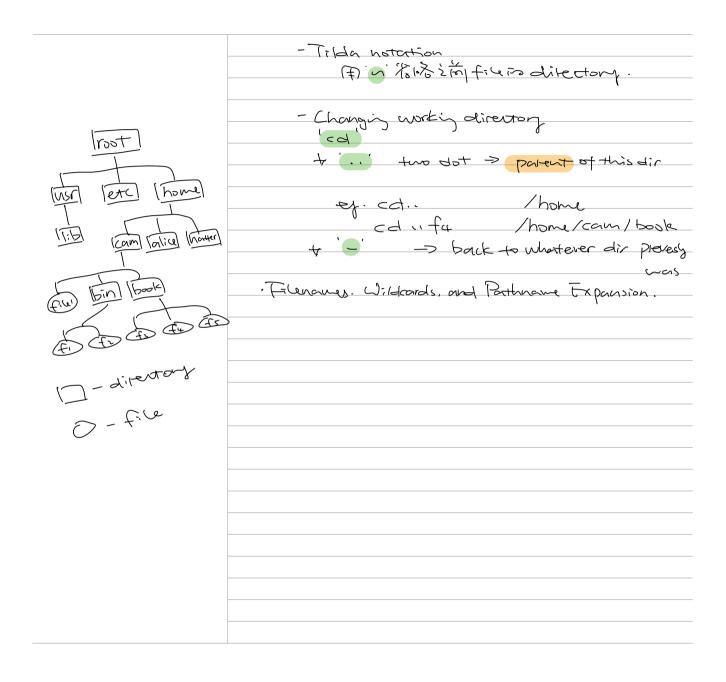
sort -n phonelist > phonelist.sorted

This means, "Sort lines in the file *phonelist* in numerical order, and put the result in the file *phonelist.sorted*." Here's what the shell does with this command:

- 1. Breaks up the line into the pieces *sort*, *-n*, *phonelist*, *>*, and *phonelist.sorted*. These pieces are called words.
- 2. Determines the purpose of the words: *sort* is a command, *-n* and *phonelist* are arguments, and > and *phonelist.sorted*, taken together, are I/O instructions.
- 3. Sets up the I/O according to > phonelist.sorted (output to the file phonelist. sorted) and some standard, implicit instructions.
- 4. Finds the command sort in a file and runs it with the option -n (numerical order) and the argument phonelist (input filename).

- Feature of bash. · command-like editting > easy go back and fix mistakes or modify commend. · job control -> ability to stop. Start. Danse - Getting bash > FaBZPingin Stell echo \$SHELL -> Foto Elpinopen bash. bash - Interactive Stell Use · Command Arguneurs Options. command Line Biz 3 y CBA, Topol optional. ·Files · Regular File = text file -> teadable char · Excutable File = program -> inuk as command. some conit be read by human. · Directory like a folder contains other files · Directory / full/absolute pathname. Krooffits. [3] ?.
Helative pathname. 7.17/3/3/3/2. (7) 1p command: 1p file-name

Zouhang Wardley.



By Bash.

<u>'</u>	
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	Thib in i it insect mode.