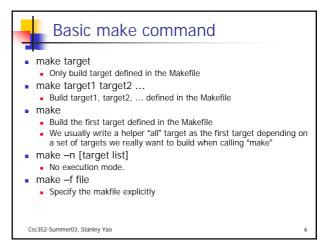
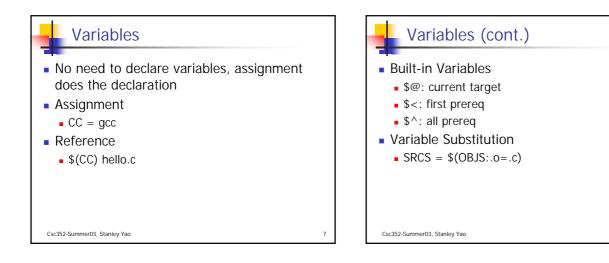


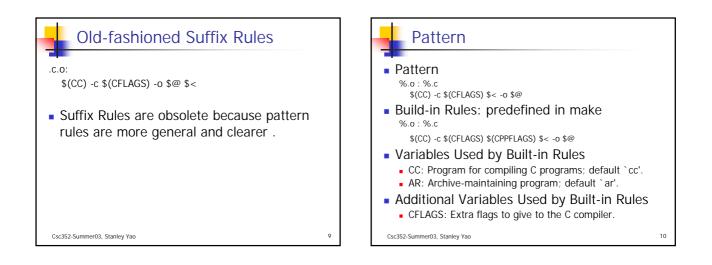
• • •

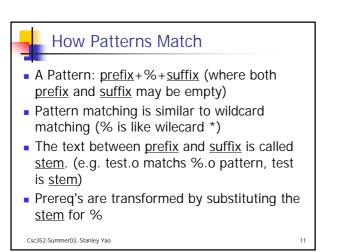
 If any of the files "src1", "src2", ... are updated more recently than the current "target", "target" will be rebuilt by the "command1", "command2", ...

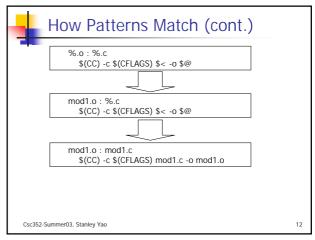
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## **Calculating Dependencies**

Include files

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- Large number of includes
- Nested includes
- "<u>makedepend</u>" is a program that calculates the header file dependencies for the specified .c files, and appends them to the end of the Makefile.

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Further Automation

automake: creates the template Makefile.

autoconf: creates a program called

configure that the user runs, and which

creates a tailored Makefile from a

template according to the environment,

latorm and user configuration options

"make" tool

Type commands:

gcc - c foo.c

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## Acknowledgement

- John H. Hartman, *Classnotes for Csc352-Spring03*, CS Dept., University of Arizona, 2003
- Free Software Foundation, GNU make Manual (version 3.80), December 25, 2002 <u>http://www.gnu.org/manual/make-3.80/</u>
- Brian W. Kernighan, Dennis M. Ritchie, *The C Programming Language (2<sup>nd</sup> Ed.)*, Prentice Hall, 1988

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