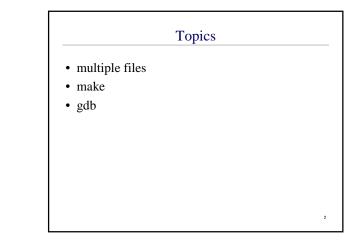
C: separate files, make, gdb

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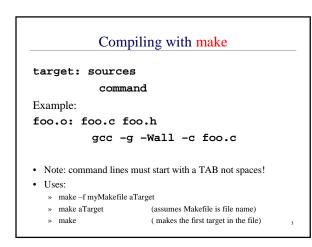


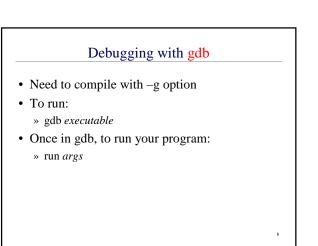
Compiling	Multiple Files

1.	gcc –c cpx.c	=> cpx.o
2.	gcc –c test.c	=> test.o
3.	gcc –o test test.o cpx.o	=> test.exe
or		

- 1. $gcc c cpx.c \implies cpx.o$
- 2. gcc –o test test.c cpx.o => test.exe

gcc options			
• -o filename	=> name for output file		
• -C	=> don't link, gives .o files		
• -g	=> include extra debugging info in the output		
• -Wall	=> give <i>warnings</i> about all possible errors		
• gcc –g –Wall w	<i>hatever</i> => a good habit		





Useful commands in gdb

- backtrace
- shows a trace of the stack, including the parameters passed in
- print *expression* (can use &, *, cast)
- info args, or info locals
- break *function* or break *filename:line #* » also: info break, and delete *breaknum*
- step runs next line of source (goes into subroutine calls)
- next same as step, doesn't go into subroutines
- finish run until current function returns