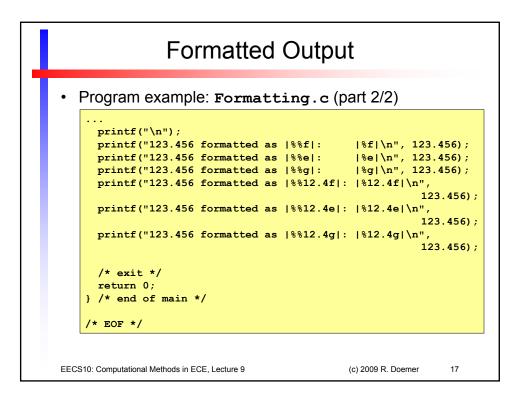


Formatted Output				
• Program example: Formatting.c (part 1/2) /* Formatting.c: formatted output demo */ /* author: Rainer Doemer */ /* modifications: */ /* 10/19/04 RD initial version */ #include <stdio.h> /* main function */ int main (void) { /* output section */ printf("42 formatted as %%d]: %d \n", 42); printf("42 formatted as %%d]: %8d \n", 42); printf("42 formatted as %%-8d]: %-8d \n", 42); printf("42 formatted as %%-8d]: %-8d \n", 42);</stdio.h>				
<pre>printf("42 formatted as %%08d : %08d \n", 42); printf("42 formatted as %%x : %x \n", 42); printf("42 formatted as %%o : %o \n", 42);</pre>				
EECS10: Computational Methods in ECE, Lecture 9 (c) 2009 R. Doemer 16				



Formatted Outp	but	
•		
• Example session: Formattin	~ ~	
	g.c	
<pre>% vi Formatting.c % gcc Formatting.c -o Formatting -Wall -ansi</pre>		
% Formatting		
42 formatted as %d : 42		
42 formatted as %8d : 42		
42 formatted as %-8d : 42 42 formatted as %+8d : +42		
42 formatted as [%08d]: [00000042]		
42 formatted as $ 8x $: $ 2a $		
42 formatted as %0 : 52		
123.456 formatted as %f : 123.456000		
123.456 formatted as %e : 1.234560e+02		
123.456 formatted as %g : 123.456 123.456 formatted as %12.4f : 123.4560		
123.456 formatted as [%12.4f]: [123.4560] 123.456 formatted as [%12.4e]: [1.2346e+02]		
123.456 formatted as %12.4g : 123.5		
8		
EECS10: Computational Methods in ECE, Lecture 9	(c) 2009 R. Doemer	18

