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Embedded Systems typically do not print anything

- We introduce printing to the console for 3 reasons
 - For debugging our code
 - To practice our programming (so we can see what's happening)
 - To prepare for general programming situations

C has very powerful I/O capabilities

Accessed by including the standard I/O library

#include <stdio.h>

Remember the < brackets > are used when accessing standard library elements

• Printing a variable is relatively simple

command:	printf()
format:	"text to display %type more text", variable
optional:	"\n" prints a line feed (a new line is started)
	"\t" prints a tab
type:	$i \rightarrow int, f \rightarrow float, c \rightarrow char$
Examples:	→ %i replaced by value
int ave;	of the variable
ave = 12;	
printf("The average is %i", ave); - prints The average is 12	
printf("%f is the average\n", ave); - prints 12.00000 is the average and a	
	new line is started

 Each variable in a single print statement needs its own format descriptor

int count;

count = 21;

float ave;

ave = 12.2;

printf("The average is %f, with %i scores", ave, count);
- prints: The average is 12.200000, with 21 scores

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