

Where are we?

A guide to finding your place in a program

main:

BL stdio_init_all

LDR R1, =main

print:

LDR RO, =fmt

BL printf

.data

fmt: .asciz "%x\n"



The program counter

Register: PC



The very same real place



The program counter

Register: PC

The PC register here... main: BL stdio_init_all LDR R1, =main

...equals R1's value here



Arrays

main:

BL stdio_init_all

LDR R1, =values

LDR R2, =end

SUB R3, R2, R1



What is this value?

Arrays

Indirect addressing
with an offset







