

C-language versions of vector + string.

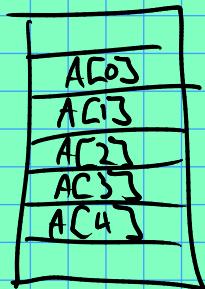
Arrays and C-strings are the

C-language analogs of vector + string,  
respectively.

Array  $\approx$  "raw", "dumb" vector  
C-string  $\approx$  " " string.

Arrays: Just a contiguous block  
of memory:

int A[5];



Question: what is actually stored in A?

Memory address of A[0].

Downside (there are many ...)

Arrays generally do not know their size.

C-strings: just an array of char,  
but with a special character at the end  
('\0').