

Intro to Programming II

Strings in C

Chris Brooks

Department of Computer Science
University of San Francisco

- Remember that C does not have a String data type.
- Instead, a string is just an array of characters.
- This means that we can access characters in a string just like we do elements of an array.

27-1: Strings as arrays

- So to iterate through a string and convert all the characters to upper case, we could do:

27-5: *strcpy*

- *strcpy* takes two arguments: *dest* and *src*.
- *strcpy* makes a copy of *src* in *dest*.

- `strcat(dest, src);`
- `strcat` appends a copy of the characters in `src` to the string `dest`.
- `dest` must have enough room for all of the characters in `src`.