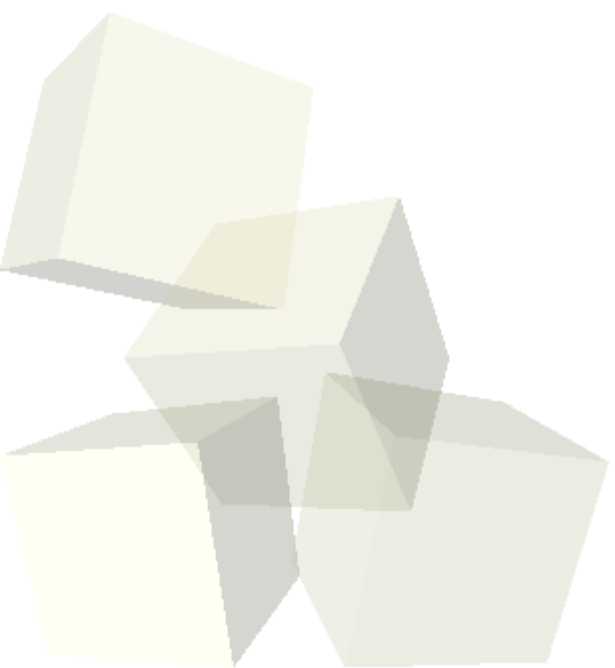




# Strings

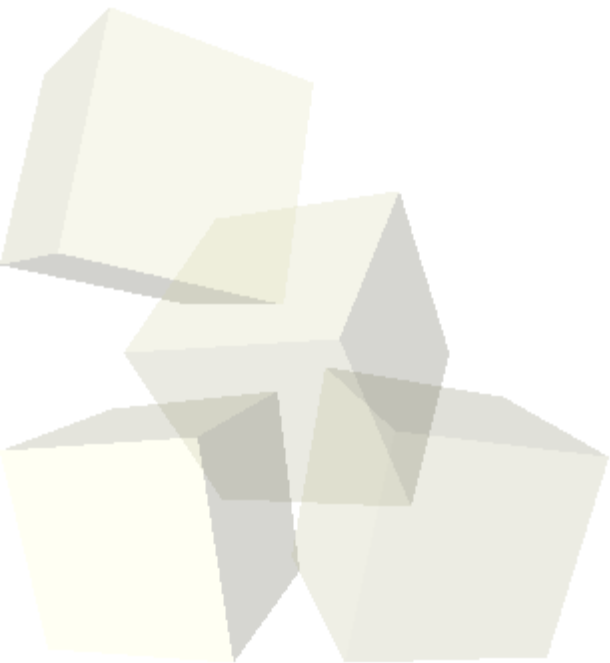
10-2-2006





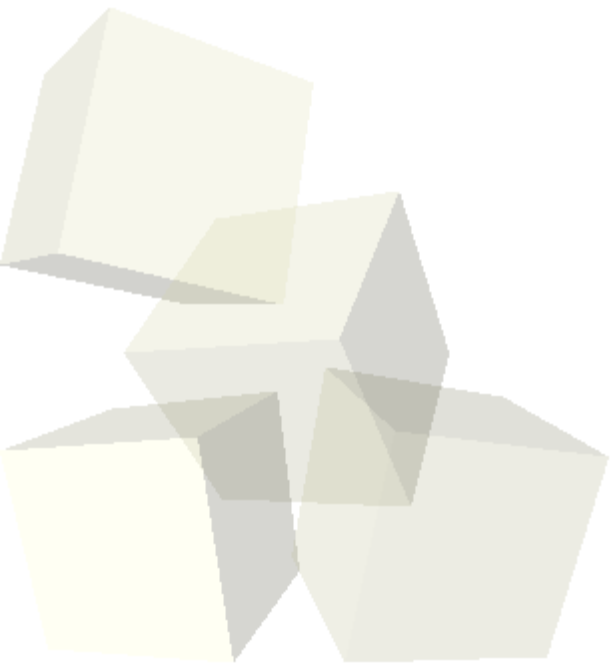
# Opening Discussion

- What did we talk about last class?
- Do you have any questions about the reading?
- Do you have any questions about the assignment?
- Making a triangular 2-D array.





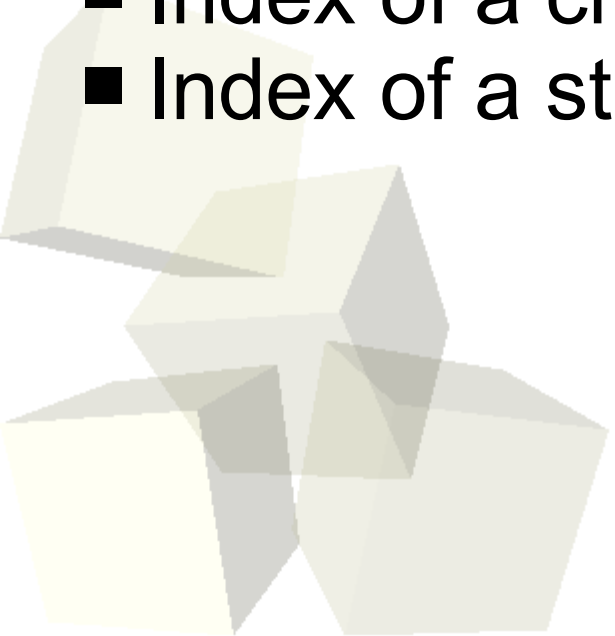
- As you are well aware by now, a string in C is a null terminated array of characters.
- How do you declare strings?
- How do you input and output strings?
- How do string literals work?
- How would you assign one string to another?





# Custom String Manipulation

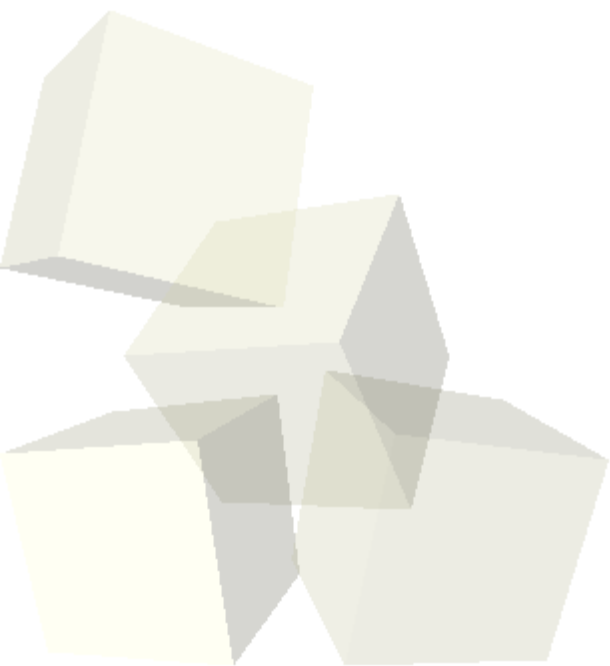
- There are certain things that we need to do regularly with strings that don't just happen because they aren't really primitive. Let's write some of these.
- Finding the length of a string.
- Copying a string.
- Comparing two strings.
- Index of a character.
- Index of a string.





# String Libraries

- Every function that we wrote today exists in the libraries and normally you would take advantage of that and call the library functions.
- The reading will cover these and we'll be looking at how to use them next class.





- Write a function `strReplace(char *s,char f,char t)` that replaces all instances of `f` in `s` with `t`.
- Remember to turn in assignment #6 today.

