Announcements

- · Homework #3 will be posted today -> must be done individually as it will get you ready for the coprise of the courte
- · Exam #2 is two weeks from today! -> Friday, 10/30
- · auiz, *4 is this afternoon 440 pm (Boston Time); tomorrow @ 7am for other time zones -> 15 min, 5 min to uproad - du by 5 pm

Review Last week's aniz, #3

Additional Notes for This Week

- · the + operator cannot be used to concatenate 2 character vector,
- · is cullety () is determining whether or not a cell array contains only character vectors, not strings (old function, ignore name)
- · When creating structures using struct(), as of vertion R20186, strings can be used for field names (before they could only be char vectors)
- · make sure you know how structs are displayed (field name: value on separate lines)

Review of Material

- · all arrays
- · structures
- , when to use all away vs. otherwes
- evector of sometimes
- ·nussed structures

Cell arrays + Structures

- · examples of calling in Devin's example
- · se attached in file

Text Manipulation

sports = ["baseball" "football" "track and field"]

*not seavential , commands

» sports(1:2)

1 x 2 string array "barrball" "foorball" >> sports {2}=[]

1 × 3 string array "baseball" < misting > "track and field"

· text manipulation

> 4parts {1:2}

ans = "barball"

>> " Love + sports

["I sore baseball" "I love football" etc...]

>> 1parts {2}(1:3)

(sports (2) {1}(1:3))

» sports(2) = []

» 4ports (3) 1 × 2 soring away "bardoull" "track and field"

"track and field"

IXI string occur

```
Text Manipulation Functions
-SK+OK()
     ex. strtok(strvar, delimiter)
                                       note that default delimiter is
                                         always a space
     ex. example = 'Well hello'
        [f l] = strtok(example)
          f= wee.
          1 = '_nullo'
                                     note that I includes delimiter (space)
streat()
    ux. Streat (var 1, var 2)
    ex. streat ('Well', 'hello')
                                      ex. streat ('Well', '_hello')
          ans = 'wulhello'
                                           ans:
'Well_hello'
strepl)
   ex. streep (string, oldering, newstring)
                                    - streep ('hello', 'lo', 'le_me!')
    ex. strep('hello', 'lo', 'p!')
         ans = 'herp!
                                         ans: 'help me!'
sprintf()
   ex. var = -sprintf()
       input (var)
Functions need to know that work an strings but not char vectors
      + stringral) strjain() strapeit() yoin()
```