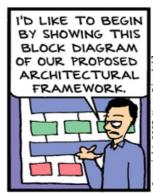
## **Meeting 17: Functions**









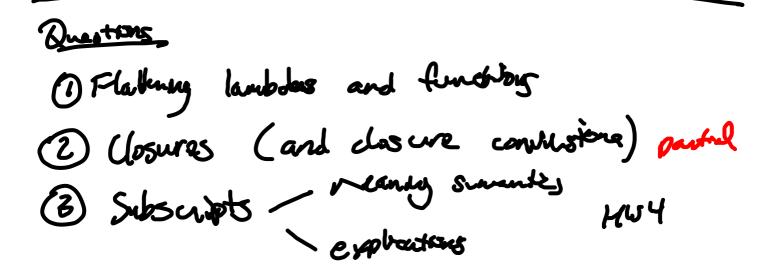
http://www.bugbash.net/

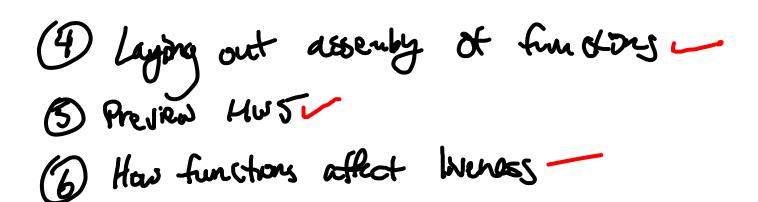
## Announcements

- HW5 due next Friday 11/3 -- start now!
- Project Pre-Proposal due this Friday
- Midterm will be returned on Thursday
- HW4 COG re-opened until at Thursday 11:55pm
  - Note that COG points are not so significant.
  - Lots of folks working on improving HW4 after the deadline to get ready for the interviews and HW5.
  - But don't ignore HW5. HW5 has started!
  - Do you have lessons learned about how to approach the homeworks from HW4?

## **Today**

- Preview HW5 <u>Functions</u>
- Explicate from HW4?
- Your Questions





```
doct main ():
                                        main!
     x=3
def min ():
                                         funde
    f frenv = [x] (-carred with herping
    f=[fects, f-fu_env] < function where = closure
    (Eist) East
def fcode (fr-env):
                           x~ fy_env[0]
     return fuzenv [0]
```

Moustaide 4

\$2 "growing the language"

1) closed functions ( who freefu)

2) add open functions (w/ fractiv) (closer but only "muntable" vers

assign • nee

3) addry mutable variables (heapity)