Loops

Announcements

Reading assignment (in Downey's Think Java textbook):

◦ Iteration (loops) (Chapter 6.1 – 6.4)

◦ Strings (Chapter 6.5 – 6.10)

Repeating things (iteration, loops)

while loop

◦ See Iter.java

break statement to break out of a loop

◦ See Iter.java

Combining loops and conditionals

Remember the …… part of a function in our program structure?

We will have to combine loops and conditionals to handle some complex situations in programming

See Mix.java

Another way to repeat things

for loop
- ◦ See ForLoops.java

Practice with Loops

1. Write a for loop that start at 99 and go down to 9, in multiples of 3.
   ◦ 99, 96, 93, … ,12, 9
   ◦ Do not use conditionals (if statements) in your code

2. Write a while loop that repeatedly ask for user input until the user types a "q"