

Loops

CSE 114 INTRODUCTION TO OBJECT-ORIENTED PROGRAMMING

1

Announcements

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

- Iteration (loops) (Chapter 6.1 – 6.4)
- Strings (Chapter 6.5 – 6.10)

2

2

Repeating things (iteration, loops)

`while` loop

- See [Iter.java](#)

`break` statement to break out of a loop

- See [Iter.java](#)

3

3

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](#)

4

4

Another way to repeat things

for loop

- See [ForLoops.java](#)

5

5

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"

6

6