

cs101 Lab2

Create a program **Number Guesser** which:

Uses the following to generate a random number:

```
import random

randomNumber = random.randint(1,99)
```

Gets a number from the user & compares the user input with the randomNumber.

Give the user 5 chances, so in a loop have some logic which implements:

if the guess equals the randomNumber, print 'winner winner chicken dinner' and **break** out of the loop

else if the guess is +/- 1 number away from the the randomNumber, print 'wow you are super close!' and **continue** to the next iteration

else print if the user's guess is less than or greater than the number, print that fact (i.e., your guess was less than the number,..) and **again prompt for user input..**

If the user does not guess the number after 5 attempts exit the loop & print 'sorry, try again'

The loop type is your choice – for or while.

*(don't forget to increment the index every time thru a while loop)

EC – add the 'other' type of loop – so if you started with a for loop & the program works fine, add a 2nd section that works with a while loop (or vice versa)