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guesses\_made += 1

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if guess > number:

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if guess == number:

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if guess == number:

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BOARD\_SIZE = 8

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left = right = col = queens[-1]

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guess = int(raw\_input('Take a guess: '))

guesses\_made += 1

if guess < number:

print 'Your guess is too low.'

if guess > number:

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if guess == number:

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if guess == number:

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print 'Nope. The number I was thinking of was {0}'.format(number)

BOARD\_SIZE = 8

class BailOut(Exception):

pass

def validate(queens):

left = right = col = queens[-1]

for r in reversed(queens[:-1]):

left, right = left-1, right+1

if r in (left, col, right):

raise BailOut

def add\_queen(queens):

for i in range(BOARD\_SIZE):

test\_queens = queens + [i]

try:

validate(test\_queens)

if len(test\_queens) == BOARD\_SIZE:

return test\_queens

else:

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except BailOut:

pass

raise BailOut

queens = add\_queen([])

print queens

print "\n".join(". "\*q + "Q " + ". "\*(BOARD\_SIZE-q-1) for q in queens)

dinner\_recipe = '''<html><body><table>

<tr><th>amt</th><th>unit</th><th>item</th></tr>

<tr><td>24</td><td>slices</td><td>baguette</td></tr>

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# In Python 2.5 or from http://effbot.org/zone/element-index.htm

import xml.etree.ElementTree as etree

tree = etree.fromstring(dinner\_recipe)

# For invalid HTML use http://effbot.org/zone/element-soup.htm

# import ElementSoup, StringIO

# tree = ElementSoup.parse(StringIO.StringIO(dinner\_recipe))

pantry = set(['olive oil', 'pesto'])

for ingredient in tree.getiterator('tr'):

amt, unit, item = ingredient

if item.tag == "td" and item.text not in pantry:

print "%s: %s %s" % (item.text, amt.text, unit.text)

**File 2.txt**

import random

guesses\_made = 0

name = raw\_input('Hello! What is your name?\n')

number = random.randint(1, 20)

print 'Well, {0}, I am thinking of a number between 1 and 20.'.format(name)

while guesses\_made < 6:

guess = int(raw\_input('Take a guess: '))

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