**Activity: reading about Tuples**

# Word Jumble

#

# The computer picks a random word and then "jumbles" it

# The player has to guess the original word

import random

# create a sequence of words to choose from

WORDS = ("python", "jumble", "easy", "difficult", "answer", "xylophone")

# pick one word randomly from the sequence

word = random.choice(WORDS)

# create a variable to use later to see if the guess is correct

correct = word

# create a jumbled version of the word

jumble =""

while word:

position = random.randrange(len(word))

jumble += word[position]

word = word[:position] + word[(position + 1):]

# start the game

print(

"""

Welcome to Word Jumble!

Unscramble the letters to make a word.

(Press the enter key at the prompt to quit.)

"""

)

print("The jumble is:", jumble)

guess = input("\nYour guess: ")

while guess != correct and guess != "":

print("Sorry, that's not it.")

guess = input("Your guess: ")

if guess == correct:

print("That's it! You guessed it!\n")

print("Thanks for playing.")

input("\n\nPress the enter key to exit.")