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Programming Experiment #6

def isWordGuessed(secretWord, lettersGuessed):

for i in secretWord:

if i not in lettersGuessed:

return False

return True

def getGuessedWord(secretWord, lettersGuessed):

result = []

for i in secretWord:

if i in lettersGuessed:

result.append(i)

else:

result.append('\_')

return ' '.join(result)

import string

alph = string.ascii\_lowercase

def getAvailableLetters(lettersGuessed):

remain = []

for i in alph:

if i not in lettersGuessed:

remain.append(i)

return ''.join(remain)

def hangaroo(secretWord):

print('You are my prisoner.')

print("Let's play a little game ")

print('Guess the word that has', len(secretWord), "letters.")

print('If you guess the word then you may leave. ')

lettersGuessed = []

while isWordGuessed(secretWord, lettersGuessed) ==False:

print('------------')

print("You haven't used these letters yet:", getAvailableLetters(lettersGuessed))

guess = str(input('Guess a letter !: ')).lower()

if guess in secretWord and guess not in lettersGuessed:

lettersGuessed.append(guess)

print('Nice one! ', getGuessedWord(secretWord, lettersGuessed))

elif guess in lettersGuessed:

print("You did that already!: ", getGuessedWord(secretWord, lettersGuessed))

elif guess not in secretWord:

print("Guess again!: ", getGuessedWord(secretWord, lettersGuessed))

lettersGuessed.append(guess)

if isWordGuessed(secretWord, lettersGuessed) == True:

print('------------')

print('You have guessed the word, you are free to go! ')



