**CODE:**

import random

hang = ["""

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def getRandomWord():

words = ['apple', 'banana', 'mango', 'strawberry', 'orange', 'grape', 'pineapple', 'apricot',

'lemon', 'coconut', 'watermelon', 'cherry', 'papaya', 'berry', 'peach', 'lychee', 'muskmelon']

word = random.choice(words)

return word

def displayBoard(hang, missedLetters, correctLetters, secretWord):

print(hang[len(missedLetters)])

print()

print('Missed Letters:', end=' ')

for letter in missedLetters:

print(letter, end=' ')

print("\n")

blanks = '\_' \* len(secretWord)

for i in range(len(secretWord)): # replace blanks with correctly guessed letters

if secretWord[i] in correctLetters:

blanks = blanks[:i] + secretWord[i] + blanks[i+1:]

for letter in blanks: # show the secret word with spaces in between each letter

print(letter, end=' ')

print("\n")

def getGuess(alreadyGuessed):

while True:

guess = input('Guess a letter: ')

guess = guess.lower()

if len(guess) != 1:

print('Please enter a single letter.')

elif guess in alreadyGuessed:

print('You have already guessed that letter. Choose again.')

elif guess not in 'abcdefghijklmnopqrstuvwxyz':

print('Please enter a LETTER.')

else:

return guess

def playAgain():

return input("\nDo you want to play again? ").lower().startswith('y')

missedLetters = ''

correctLetters = ''

secretWord = getRandomWord()

gameIsDone = False

while True:

displayBoard(hang, missedLetters, correctLetters, secretWord)

guess = getGuess(missedLetters + correctLetters)

if guess in secretWord:

correctLetters = correctLetters + guess

foundAllLetters = True

for i in range(len(secretWord)):

if secretWord[i] not in correctLetters:

foundAllLetters = False

break

if foundAllLetters:

print('\nYes! The secret word is "' +

secretWord + '"! You have won!')

gameIsDone = True

else:

missedLetters = missedLetters + guess

if len(missedLetters) == len(hang) - 1:

displayBoard(hang, missedLetters,

correctLetters, secretWord)

print('You have run out of guesses!\nAfter ' + str(len(missedLetters)) + ' missed guesses and ' +

str(len(correctLetters)) + ' correct guesses, the word was "' + secretWord + '"')

gameIsDone = True

if gameIsDone:

if playAgain():

missedLetters = ''

correctLetters = ''

gameIsDone = False

secretWord = getRandomWord()

else:

break