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import random as rand


#intializing variables
print('You will be prompted to guess a letter in a word \n please use the
terminal to input your letter \n keep your letter to lower case')

words =
['brain','crime','crowd','forum','first','juice','noted','power','beach','
reach','shift','thing','woman','carve','ghost','lemon']


alphabet_lowercase = ['a', 'b', 'c', 'd', 'e', 'f', 'g', 'h', 'i', 'j',
'k', 'l', 'm', 'n', 'o', 'p', 'q', 'r', 's', 't', 'u', 'v', 'w', 'x', 'y',
'z']


current_word = ''


player_guess = ''


letters_guessed = '_____'


guessed_word = False


errors = 8
#creating functions


#Function that allows the player to guess a letter inside the word
def guess_letter():
    global player_guess


    player_guess = input('Guess a letter in this word ' + letters_guessed
+':(Lower case only) ')
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    if player_guess in alphabet_lowercase:


        alphabet_lowercase.remove(player_guess)
    else:


        print('The letter you guessed was invalid, please guess again!')
        print('Keep your guess to one letter,only in the
alphabet,lowercase only, and letters you havent guessed before')
        guess_letter()


#Function that checks if the inputed letter is in the word and
concatenates it onto the letter guessed variable
def check_letter(letter,word):
    #intializing variables in the function
    global letters_guessed
    letter_right = False
    counter = 0
    #iterating through the word and checking if the the letter put into
the function is in the word
    for i in word:
        #x is a counter variable to keep track of the index of the letter
        if letter_right == False:
            counter += 1
        if i == letter:
            letter_right = True

    build_word(counter,letter_right,letter)


    #printing to the user if the letter they guessed was in the word
    if letter_right == True:
        print('  The letter you guessed was right')
    else:
        print('  The letter you guessed was not right')
```

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    return letter_right


def build_word(count,boole,letter):
    global letters_guessed
    if boole == True:
    #temporary list splits up the word and then it pops the element so I
can replace it with the correct letter that the player inputed
        temp_list = list(letters_guessed)

    #iterating the length of each word
        for i in range(5):
            if count-1 == i:
                temp_list.pop(count-1)
                temp_list.insert(count-1,letter)


        #joing the list togehter into one string
        letters_guessed = ''.join(temp_list)




current_word = rand.choice(words)


#Loop that has the player keep guessing until they guess all of the
letters or they run out of errors
while letters_guessed != current_word and errors != 0:
    guess_letter()
    if check_letter(player_guess,current_word) == False:
        errors += -1
    print(letters_guessed)
    print('You have ',errors,'errors left')


#telling the player if the won or lost
if errors == 0:
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    print('You guessed a wrong letter too many times and you ran out of
Errors, The word was',current_word)
else:
    print('Congratulations!!! You guessed all of the letters in the word
and won!')
```