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import random

words = ['apple', 'bread', 'candy',
'dream', 'eagle', 'flame', 'grape', 'house', 'input', 'joker']
x = random.random()
y = x * len(words)
z = int(y)
secret_word = words[z]

tries = 6
wl = len(secret_word)
w = secret_word

print("Welcome to Wordle!")
print("Guess the",wl,"-letter word. You have", tries, "tries.")

while tries!=0:
    guess = input("Attempt "+str(7 - tries)+"/6 - Enter guess: ").lower()

    if len(guess)!=wl:
        print("Wrong length. Expected", wl)
        continue

    if guess==w:
        print("You win!!!")
        break

    result=[]; i=0
    while i<wl:
        ch = guess[i]
        if ch==w[i]:
            result.append('correct')
        elif ch in w:
            result.append('present')
        else:
            result.append('absent')
        i+=1

    display=[]
    j=0
    while j<wl:
        s = guess[j]
        res = result[j]
        if res=='correct':
            display.append("[ "+s.upper()+" ]")
        elif res=='present':
            display.append("(" +s+" ")
        else:
            display.append(" "+s+" ")
        j+=1

    junk = ''.join([c for c in display if c])
    print("Result:", ' '.join(display))
    tries = tries - 1
else:
    final = secret_word
    print("You lose! The word was:", final)

```