# -\*- coding: utf-8 -\*-

"""

Created on Sun Dec 15 10:11:02 2019

@author: abhis

"""

hidden\_word='apple'

def main():

start\_string='?'\*len(hidden\_word)

wrong\_answers=0

while(True):

processed\_input=process\_user\_input()

start\_string,wrong\_answers=guess\_character(processed\_input,start\_string,wrong\_answers)

if(display(start\_string)):

break

if(wrong\_answers==3):

print('You have entered 3 wrong answers')

print('Please try again')

break

def guess\_character(u\_char,start\_string,wrong\_answers):

if(u\_char in hidden\_word):

for i,v in enumerate(hidden\_word):

if(v==u\_char):

start\_string= start\_string[:i] + u\_char + start\_string[i + 1:]

else:

print('You have guessed incorrectly')

wrong\_answers+=1

return start\_string,wrong\_answers

def display(user\_string):

print("Word is:",end=" ")

for i in user\_string:

print(i,end=" ")

if('?' not in user\_string):

print("You have guessed the word correctly")

return True

return False

def process\_user\_input():

while(True):

user\_input=input('Please enter a character:')

if(user\_input.isalpha() and len(user\_input)==1):

return user\_input.lower()

main()