from word import word\_list

import random

def getRandom():

word=random.choice(word\_list)

return word.upper()

def play(word):

  word\_completion='\_ '\*len(word)

guessed=False

  guessed\_letters=[]

  guessed\_words=[]

  tries=6

  print('Lets play HANGMAN !')

  print(displayHangman(tries))

  print(word\_completion)

  print('\n')

   while not guessed and tries > 0:

   guess=input('Enter your guess:').upper()

   if len(guess)==1 and guess.isalpha():

   if guess in guessed\_letters:

   print('You have already guessed the letter',guess)

   elif guess not in word:

   print(guess,'is not in the word.')

   tries-=1

   guessed\_letters.append(guess)

   else:

   print('good job,',guess,'is in the word')

   guessed\_letters.append(guess)

   word\_as\_list=list(word\_completion)

   indices=[i for i,letter in enumerate(word)if letter==guess]

   for index in indices:

   word\_as\_list[index]=guess

   word\_completion=''.join(word\_as\_list)

   if '\_ 'not in word\_completion:

   guessed=True

   elif len(guess)==len(word) and guess.isalpha():

   if guess in guessed\_words:

   print('you have already guessed the word',guess)

   elif guess != word:

   print(guess,'is not in the word.')

   tries=-1

   guessed\_words.append(guess)

   else:

   guessed=True

   word\_completion=word

   else:

   print('not a valid guess :(')

   print(displayHangman(tries))

   print(word\_completion)

   if guessed:

   print('congrats,you guessed the word! you win! ')

   else:

   print('sorry,you ran out of tries.')

  def displayHangman(tries):

   stages = [ #6 final stage: head, torso, both arms, both legs

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   """,

   #5 head, torso,both arms, and one leg

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   """,

   #4 head, torso, and both arms

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   """,

   #3 head, torso, and one arm

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   """,

   #2 head and torso

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   """,

   #1 head

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   """,

   #0 intial empty stage

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   ]

   return stages[tries]

  def main():

   word=getRandom()

   print(word)

   play(word)

   while input('do you want to play again?(Y/N): ').upper()=='Y':

   word=getRandom()

   print(word)

   play(word)

  main()

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