**HANGMANOUT GAME**

**CODE:**

import random

def choose\_word():

words = ['apple', 'banana', 'cherry', 'date', 'elderberry', 'fig', 'grape']

return random.choice(words)

def display\_word(word, guessed\_letters):

displayed\_word = ''

for letter in word:

if letter in guessed\_letters:

displayed\_word += letter + ' '

else:

displayed\_word += '\_ '

return displayed\_word.strip()

def get\_guess(guessed\_letters):

while True:

guess = input('Guess a letter: ').lower()

if len(guess) != 1:

print('Please enter a single letter.')

elif guess in guessed\_letters:

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

elif not guess.isalpha():

print('Please enter a letter.')

else:

return guess

def hangman():

word = choose\_word()

guessed\_letters = []

attempts\_left = 6

print('Welcome to Hangman!')

print(display\_word(word, guessed\_letters))

while True:

guess = get\_guess(guessed\_letters)

guessed\_letters.append(guess)

if guess not in word:

attempts\_left -= 1

print(f'Incorrect! Attempts left: {attempts\_left}')

if attempts\_left == 0:

print('Sorry, you lost. The word was:', word)

break

print(display\_word(word, guessed\_letters))

if all(letter in guessed\_letters for letter in word):

print('Congratulations! You guessed the word:', word)

break

play\_again = input('Do you want to play again? (yes/no): ').lower()

if play\_again == 'yes':

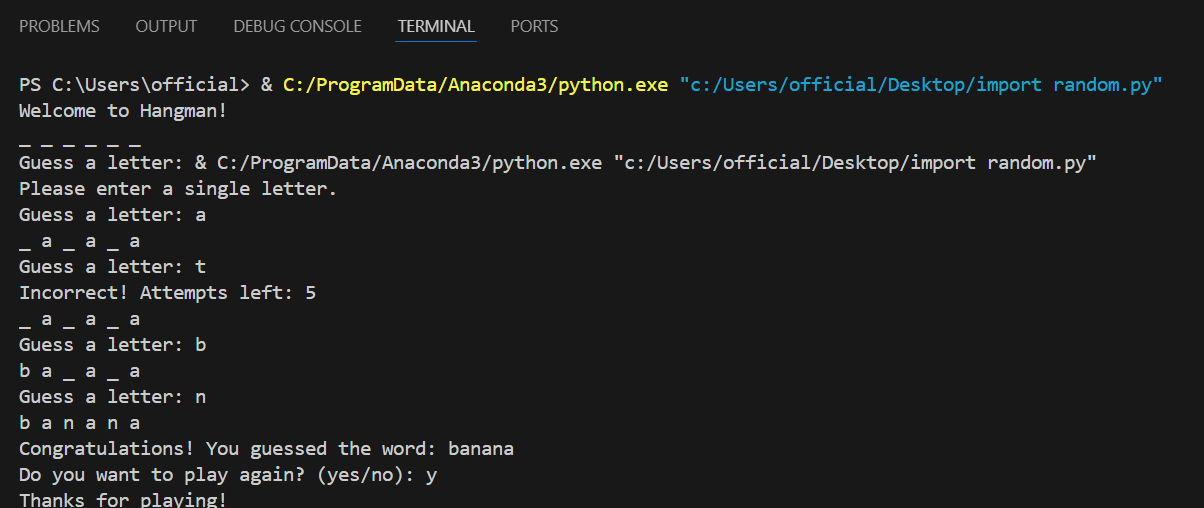
hangman()

else:

print('Thanks for playing!')

hangman()

**SCREENSHOT OF OUTPUT:**

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