

HANGMAN GAME

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import random

# Predefined list of words
words = ["apple", "banana", "grapes", "mango", "orange"]
word = random.choice(words)
guessed_letters = []
attempts = 6

print("🎮 Welcome to Hangman!")
print("_ " * len(word))

while attempts > 0:
    guess = input("Guess a letter: ").lower()

    if not guess.isalpha() or len(guess) != 1:
        print("Please enter a single valid letter.")
        continue

    if guess in guessed_letters:
        print("You already guessed that letter.")
        continue

    guessed_letters.append(guess)

    if guess in word:
        print("✅ Good guess!")
    else:
        print("❌ Wrong guess!")
        attempts -= 1
        print(f"Attempts left: {attempts}")

    # Display the current state of the word
    display_word = ""
    for letter in word:
        if letter in guessed_letters:
            display_word += letter + " "
        else:
            display_word += "_ "
    print(display_word)

    # Check if the word is completely guessed
    if all(letter in guessed_letters for letter in word):
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    print("🎉 Congratulations! You guessed the word:", word)
    break
else:
    print("💀 Game Over! The word was:", word)
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