

Hangman Game

In []:

In []:

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In [16]: import random

words=['apple','banana','orange','mango','grape']
word=random.choice(words)
guessed_word= "_" * len(word)
attempts=len(word) + 2
print("Welcome to hangman!")
print("The word has",len(word),"letters")
print(guessed_word)

while attempts > 0 and "_" in guessed_word:
    print("Attempts left:",attempts)
    guess=input("Guess a letter:")
    if guess in word:
        print("Correct!")
        new_guessed_word=""
        for i in range(len(word)):
            if word[i]==guess:
                new_guessed_word += guess
            else:
                new_guessed_word += guessed_word[i]
        guessed_word=new_guessed_word
    else:
        print("Incorrect!")
        attempts-=1
    print(guessed_word)
if "_" not in guessed_word:
    print("congratulations! You guessed the word:",word)
else:
    print("Game over! The word :",word)
```

Welcome to hangman!
The word has 5 letters

Attempts left: 7
Correct!
__a__
Attempts left: 7
Incorrect!
__a__
Attempts left: 6
Correct!
__ap__
Attempts left: 6
Incorrect!
__ap__
Attempts left: 5
Correct!
_rap__
Attempts left: 5
Correct!
_rap__
Attempts left: 5
Correct!
_rape
Attempts left: 5
Incorrect!
_rape
Attempts left: 4
Incorrect!
_rape
Attempts left: 3
Incorrect!
_rape
Attempts left: 2
Incorrect!
_rape
Attempts left: 1

Incorrect!
_rape
Game over! The word : grape

In []: