*Python code for Hangman Mam*

*# Python Program to illustrate*

*# Hangman Game*

*import random*

*from collections import Counter*

*someWords = '''apple banana mango strawberry*

*orange grape pineapple apricot lemon coconut watermelon*

*cherry papaya berry peach lychee muskmelon'''*

*someWords = someWords.split(' ')*

*# randomly choose a secret word from our "someWords" LIST.*

*word = random.choice(someWords)*

*if \_\_name\_\_ == '\_\_main\_\_':*

*print('Guess the word! HINT: word is a name of a fruit')*

*for i in word:*

*# For printing the empty spaces for letters of the word*

*print('\_', end = ' ')*

*print()*

*playing = True*

*# list for storing the letters guessed by the player*

*letterGuessed = ''*

*chances = len(word) + 2*

*correct = 0*

*flag = 0*

*try:*

*while (chances != 0) and flag == 0: #flag is updated when the word is correctly guessed*

*print()*

*chances -= 1*

*try:*

*guess = str(input('Enter a letter to guess: '))*

*except:*

*print('Enter only a letter!')*

*continue*

*# Validation of the guess*

*if not guess.isalpha():*

*print('Enter only a LETTER')*

*continue*

*elif len(guess) > 1:*

*print('Enter only a SINGLE letter')*

*continue*

*elif guess in letterGuessed:*

*print('You have already guessed that letter')*

*continue*

*# If letter is guessed correctly*

*if guess in word:*

*k = word.count(guess) #k stores the number of times the guessed letter occurs in the word*

*for \_ in range(k):*

*letterGuessed += guess # The guess letter is added as many times as it occurs*

*# Print the word*

*for char in word:*

*if char in letterGuessed and (Counter(letterGuessed) != Counter(word)):*

*print(char, end = ' ')*

*correct += 1*

*# If user has guessed all the letters*

*elif (Counter(letterGuessed) == Counter(word)): # Once the correct word is guessed fully,*

*# the game ends, even if chances remain*

*print("The word is: ", end=' ')*

*print(word)*

*flag = 1*

*print('Congratulations, You won!')*

*break # To break out of the for loop*

*break # To break out of the while loop*

*else:*

*print('\_', end = ' ')*

*# If user has used all of his chances*

*if chances <= 0 and (Counter(letterGuessed) != Counter(word)):*

*print()*

*print('You lost! Try again..')*

*print('The word was {}'.format(word))*

*except KeyboardInterrupt:*

*print()*

*print('Bye! Try again.')*

*exit()*