Hangaman game in python

import random

def choose\_word():

word\_list = ["python", "java", "ruby", "javascript", "html", "css", "php"]

return random.choice(word\_list)

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

display = ""

for letter in word:

if letter in guessed\_letters:

display += letter

else:

display += "\_"

return display

def hangman():

print("Welcome to Hangman!")

secret\_word = choose\_word()

guessed\_letters = []

attempts = 6 # You can customize the number of allowed attempts

while attempts > 0:

print("\nAttempts left:", attempts)

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

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

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

if guess in guessed\_letters:

print("You already guessed that letter. Try again.")

elif guess in secret\_word:

print("Good guess!")

guessed\_letters.append(guess)

else:

print("Incorrect guess.")

attempts -= 1

else:

print("Please enter a valid single letter.")

if set(guessed\_letters) == set(secret\_word):

print("Congratulations! You guessed the word:", secret\_word)

break

if attempts == 0:

print("Sorry, you ran out of attempts. The correct word was:", secret\_word)

if \_\_name\_\_ == "\_\_main\_\_":

hangman()