Write a txt file which has a word in each line like:

Hands

Legs

India

Crow

Rain

...

Write a python code to read the file and store the words in the list

Write a function to guess a word randomly from the list.

Now, write a function which asks user to guess the chosen word letter by letter.

Show "incorrect" message to the wrong guessed letter.

Display  letters in the clue word that were guessed correctly.

Let say word is EVAPORATE

>>> Welcome to Hangman!

\_ \_ \_ \_ \_ \_ \_ \_ \_

>>> Guess your letter: S

Incorrect!

You left with 5 chances to guess.

>>> Guess your letter: E

E \_ \_ \_ \_ \_ \_ \_ E

...

And so on.

1)Only let the user guess 6 times, and tell the user how many guesses they have left.

Keep track of the letters the user guessed.

2) If the user guesses a letter they already guessed, don’t penalize them - let them guess again.

3)When the player wins or loses, let them start a new game.

**ANS:**

import random

# Read the words from the file

with open("words.txt", "r") as f:

words = [line.strip() for line in f]

# Choose a random word from the list

word = random.choice(words)

# Create a list to store the guessed letters

guessed\_letters = []

# Start the game

print("Welcome to Hangman!")

print(f"The word has {len(word)} letters.")

print("\_ " \* len(word))

# Let the user guess the word letter by letter

guesses\_left = 6

while guesses\_left > 0:

# Get the user's guess

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

# Check if the letter is in the word

if guess in word:

# Add the letter to the list of guessed letters

guessed\_letters.append(guess)

# Update the clue word

clue\_word = ""

for letter in word:

if letter in guessed\_letters:

clue\_word += letter

else:

clue\_word += "\_"

# Print the clue word

print(clue\_word)

# Check if the user has won

if clue\_word == word:

print("You win!")

break

else:

# The letter is not in the word

print("Incorrect!")

guesses\_left -= 1

print(f"You have {guesses\_left} guesses left.")

# The user has lost

if guesses\_left == 0:

print("You lose!")

print(f"The word was {word}.")

# Ask the user if they want to play again

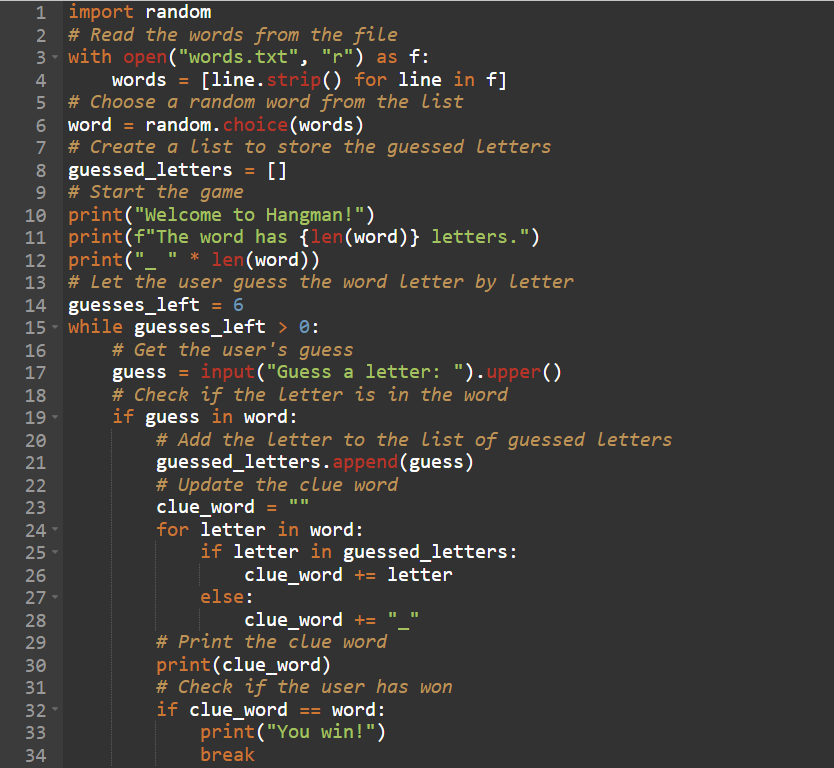
play\_again = input("Do you want to play again? (y/n) ").lower()

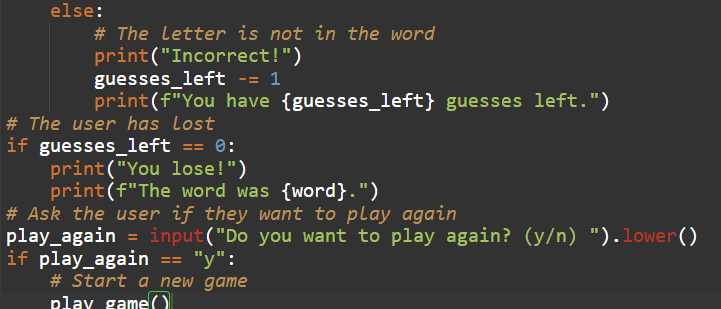
if play\_again == "y":

# Start a new game

play\_game()

**OUTPUT:**

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