Pseudocode

1. Define a function named load\_words to load words from a file.

a. Open the specified file in read mode.

b. Read the contents of the file.

c. Close the file.

d. Return the list of words.

2. Define a function named choose\_letters to choose random letters.

a. Define the alphabet string containing all lowercase letters.

b. Use the random.sample function to select 7 random letters from the alphabet.

c. Return the list of chosen letters.

3. Define a function named can\_form\_word to check if a word can be formed from given letters.

a. Create an empty dictionary named letter\_count.

b. Iterate over each letter in the list of given letters.

i. If the letter is already in letter\_count, increment its count.

ii. If the letter is not in letter\_count, add it with count 1.

c. Iterate over each letter in the word to be checked.

i. If the letter is not in letter\_count or its count is 0, return False.

ii. Otherwise, decrement its count in letter\_count.

d. If all letters can be formed from the given letters, return True.

4. Define the main game loop named word\_builders\_game.

a. Load words from the specified file using the load\_words function.

b. Choose random letters using the choose\_letters function.

c. Print a welcome message and display the chosen letters.

d. Initialize the variable chances to 3.

e. Enter a while loop with the condition chances > 0.

i. Prompt the user to enter a three-letter word or 'quit' to exit, displaying the remaining chances.

ii. If the user inputs 'quit', print a thank you message and return from the function.

iii. If the user's input is a valid word in the list of words:

A. Check if the word can be formed from the chosen letters using the can\_form\_word function.

B. If the word can be formed, print "Valid word! You win!" and decrement chances.

C. If the word cannot be formed, print "Word cannot be formed from the given letters. Try again!" and decrement chances.

iv. If the user's input is not a valid word, print "Not a valid word. Try again!" and decrement chances.

f. After the loop, print "You ran out of chances! You lose!".

5. Start the game by calling the word\_builders\_game function.