# Hangman Game - Simple Documentation

## Introduction

This document explains how the Hangman game works in simple words. It is a guessing game where the player has to guess a hidden word one letter at a time. If they guess wrong too many times, they lose the game.

## How the Code Works

### 1. Picking a Word

The `choose\_word()` function selects a random word from a list. This word is the hidden word that the player must guess.

### 2. Showing the Hangman

The `display\_hangman(attempts)` function shows a picture of the hangman. As the player makes mistakes, more parts of the hangman appear.

### 3. Playing the Game

The `play\_hangman()` function runs the game. It:  
- Shows the word as blanks (\_ \_ \_ \_)  
- Asks the player to guess a letter  
- Fills in the letter if it's correct  
- Reduces attempts if it's wrong  
- Ends when the player wins or loses

### 4. Taking Player Input

The game asks the player to type one letter at a time. If they type the same letter again or enter something invalid, the game reminds them to enter a correct letter.

### 5. Winning or Losing

The player wins if they guess all the letters before running out of attempts. If they make too many mistakes, they lose, and the correct word is shown.