# Hangman

We all know the classic game hangman, today we'll be making it. With the wonderful bonus that we are programmers and we can make it as hard or as easy as we want. <https://github.com/dwyl/english-words> is a wordlist to use if you don't already have one. That wordlist comprises of words spanning 1 - 15+ letter words in length so there is plenty of scope to make this interesting!

## Rules:

For those that don't know the rules of hangman, it's quite simple.

There is 1 player and another person (in this case a computer) that randomly chooses a word and marks correct/incorrect guesses.

The steps of a game go as follows:

* Computer chooses a word from a predefined list of words
* The word is then populated with underscores in place of where the letters should. ('hello' would be '\_ \_ \_ \_ \_')
* Player then guesses if a word from the alphabet [a-z] is in that word
* If that letter is in the word, the computer replaces all occurrences of '\_' with the correct letter
* If that letter is NOT in the word, the computer draws part of the gallows and eventually all of the hangman until he is hung (see here for additional clarification)

This carries on until either

* The player has correctly guessed the word without getting hung

or

* The player has been hung

## Bonus tasks:

* Player statistics (don’t forget there are multiple difficulties)
  + Name
  + Games played
  + Games lost
  + Games won
  + Win percentage
  + Least guesses it took to win
  + Most guesses it took to win
* Ability to print out all of a particular players statistics

## Inputs and outputs

### Input description:

Apart from providing a wordlist, we should be able to choose a difficulty to filter our words down further. For example, hard could provide 3-5 letter words, medium 5-7, and easy could be anything above and beyond!

On input, you should enter a difficulty you wish to play in.

### Output description:

The output will occur in steps as it is a turn based game. The final condition is either win, or lose.

### Clarification

Punctuation should be stripped before the word is inserted into the game ("administrator's" would be "administrators")

### Example:

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| |

| O

| /|\

| / \

|

\_\_|\_\_\_

| |

Guesses: H T A B E I O U R J

Remaining incorrect guesses: 0

\_ R U \_ I \_ I \_ I O \_

Life is cruel. You are dead. CRUCIFIXION killed you.