CS3080

Task 1

Devon White

Role -- “select\_word” function, update Report document, collaboration setup

Nick Sylvester

Role -- Completed remaining functions for program (main, get\_words, create\_sheet, etc.), update Report document, program testing and quality checking.

## Introduction

This program will scrape a website, <https://www.ef.edu/english-resources/english-vocabulary/top-1000-words/>, for the top 1000 English words. The program will take these words and put them into an excel sheet. This excel sheet will then be used as input to create a hangman-like word game where the user has a limited number of guesses to guess each letter in the random word out of the excel sheet.

## Function Prototypes

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| **Function Prototype** | **Decscription** |
| main | Main function |
| get\_words | Grabs words from website |
| create\_sheet | Puts words into excel sheet |
| select\_word (Game Class) | Grabs a random word from the excel sheet |
| display\_word (Game Class) | Displays the word as letters and blanks “\_” |
| main\_game | Main game function |
| guess\_letter (Game Class) | Allows the user to play the game and guess the word. |

## Program Snapshots

