# Overview

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## Configuration

Initiate virtual environment using poetry

## Filesystem

* hangman
  + tests
    - \_\_init\_\_.py
    - conftest.py
    - test\_utilities.py
  + utilities
    - utilities.py
    - word-list.txt
  + main.py
  + pyproject.toml
  + README.md

## Preparation

Write leet code and logical flow for main.py

Define functions in utility.py

## Develop

Write code following logical flow of the leet code in main.py

For each function, define it then proceed to Test step

Write function until it passes test, then proceed to next leet code in main.py

## Test

Write test for function in test\_utilities.py then return to Develop step

## Review

Review code for any possible simplifications in logic

Review code for any possible simplifications in readability

Review code for any possible need of expansion in leet code description

Final testing

## Upload

Upload files to GitHub

Add READ.ME