find\_error.py

#!/usr/bin/env python3

import sys

import os

import re

def error\_search(log\_file):

error = input("What is the error? ")

returned\_errors = []

with open(log\_file, mode='r',encoding='UTF-8') as file:

for log in file.readlines():

error\_patterns = ["error"]

for i in range(len(error.split(' '))):

error\_patterns.append(r"{}".format(error.split(' ')[i].lower()))

if all(re.search(error\_pattern, log.lower()) for error\_pattern in error\_patterns):

returned\_errors.append(log)

file.close()

return returned\_errors

def file\_output(returned\_errors):

with open(os.path.expanduser('~') + '/data/errors\_found.log', 'w') as file:

for error in returned\_errors:

file.write(error)

file.close()

if \_\_name\_\_ == "\_\_main\_\_":

log\_file = sys.argv[1]

returned\_errors = error\_search(log\_file)

file\_output(returned\_errors)

sys.exit(0)