Mini project 1- Python programming

Specification

Write a script named loganalyzer.py. The script is used as follows:

python loganalyzer.py filepath action

where filepath is the path to the log file to analyze and action is the action required by the script.

Valid values for the action are **statistics**, **error**, **notice**. The action determines what the script outputs.

statistics – Prints the statistics as follows:

errors 340

notice 450

where the first value is the type of log entry and the second value is the number of such entries there are in the file.

error – Prints the errors in the file with each row as follows:

date message

notice - Prints the notice in the file with each row as follows:

date message

The script reads a logfile in the format seen in the provided sample file test.log. Use that file to evaluate your script.

At the first line of the script enter a comment with the following format:

your_name your_student_email

Deliverables

The script should be submitted to the designated mini project 1 on the portal.