Date: 12/11/2023

🎯 Goal: Implement backend code for the following problem statements

Problem 1:

Write a method that reads phone book records from a CSV or JSON file.
Each record consists of the following parameters Name, email, Phone 1, Phone 2.

Problem 2:

Implement a SQL-like parser for phone book records in **Problem 1** to implement CRUD operations and print SQL like output on console.:

2.1

SELECT * FROM phone_records; This statement reads the first 10 records and displays them on the console.

Name	Email	Phone 1	Phone 2
Jhon	John@xyz.com	123456789	123456789
Doe	Doe@abc.com	123456789	123456789

2.2

SELECT * FROM phone_records WHERE name='doe'; this statement filters the records and displays the record(s) where 'Doe' is found.

2.3

I**NSERT INTO phone_records(name, email,phone 1, phone 2)**
VALUES('Test','test@test.xtyz','1234456','1233233')
This statement should create a new entry in the dataset and the same should be obtained when executing section **2.2** (i.e. the previous example)

2.4

DELETE FROM phone_records WHERE name='John'
This statement should delete the record from the dataset.

Date: 12/11/2023

Guidelines

1. Clean and documented code.
2. PEP style coding guidelines.
3. Appropriate error handling.