Assignment 12 – CQL

- My submission folder contains below files:
    - Video file: ParthPandya.mp4
    - CQL file: CS_548.cql
    - README.pdf

Design Decision for schema design

- I have created Patient and Provider table with patientId, NPI as a primary key.
- Before creating Treatment table, I have defined three user types for three different types of treatment
    - Drug_Treatment
    - Surgery
    - Radiology
- For drug_treatment, I assigned two attributes as drug name and dosage.
- For surgery I have assigned single attribute as surgery_date .
- For Radiology I have consider attribute dates as List.
- Then I have defined Patient_Treatment table which has three attributes with type drug_treatment, Surgery and Radiology with the help of keyword frozen.
- In Patient Treatment table I have defined partition key as (treatment id and patient id) and treatment date used as clustering key
- For the Provider Treatment table, I have defined partition key as treatment
- Treatment date used as clustering key .