1. Install PostgreSQL DBMS.

The scenario is that as an instructor in ITI, you have grade-keeping responsibilities. You want to convert the grading process from a manual operation using a gradebook to an electronic representation using database. In this case:

- For each student, you keep track his name, contact info (email, address), and multiple phone numbers.
- Each Student belong to Track (Telecom, OpenSource, Java, Game,..), and each track have different students
- Each track have different subjects/courses such as (C, CPP, HTML, …), and each student study subjects/courses based on the track that he belong to it
- For each subject, you need to define the name and the description and max score (total grade 100).
- The students achieve score in subject by exam result.
- For each exam which taken by student you must store Exam date, student score in exam (such as 75).
- Keep track of Students and Track which he belong to it, and subjects owned by Tack , and Subjects which will studied by each student

2. Design ERD and write down the mapping schema.
3. Create your mapped tables with their columns in PostgreSQL.
4. Insert at minimum 5 Rows at each table

Reports

1. What is NoSQL?
2. DBMSs Types (such as: Hierarchical,…) and brief about each type?