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1.JAVA

2.JAVA

3. JAVA

4. How would you decide whether to use a relational database management system or a NoSQL database?

SQL: when we need complex queries, have high transaction application and don't anticipate lot of changes and growth

NoSQL: when database constantly growing, we are not concern about data consistency, we need flexible data scalability, and working with lots of data of different types

5. what SQL commands have you used and what did you use them for?

DDL (create, drop, alter, truncate) DML (update, insert, delete), DQL (select)

Create: create database objects such as table, view, and procedure

Drop: delete database objects such as table, index

Alter: make any changes on database table structures such as constraints

Truncate: removes all rows from database table

Update: update tables

Insert: inserting values into tables columns

Delete: deleting rows from tables