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EE3350

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## Q1.

(i) CRUD is a type of programming interface used for graphics.

(ii) A primary key uniquely identifies each row in a table and ensures that no two records have the same value in that column.

(iii) It is a foreign language key that translates table data.

(iv) One-to-One, One-to-Many, Many-to-One, Many-to-Many, and Self-referencing relationships are the most common types.

(v) Good schema design ensures scalability and performance by using normalization, indexing, naming conventions, and access control practices.

## Q2.

(i) Sequelize is an Object Relational Mapper for Node.js that allows you to work with SQL databases using JavaScript objects.

(ii) JWTs are secure tokens issued after login containing encoded user data that allow stateless authentication in web apps.

(iii) Middleware is some functions that do things in the middle of request and response.

(iv) [Answer could not be generated]

(v) Authentication is only used when a computer goes to sleep and wakes up.