# Pop Quiz

**What annotation is used to mark a class as an entity in Hibernate and JPA?**

- A) @Entity
- B) @Table
- C) @Repository
- D) @Service

**Which annotation is used to indicate that a field in an entity class should be the primary key in the corresponding database table?**

- A) @Id
- B) @PrimaryKey
- C) @Key
- D) @Column

**In a typical Spring application using layered architecture, where should the business logic be implemented?**

- A) Controller layer
- B) Service layer
- C) Repository layer
- D) Entity layer

**What is the primary purpose of using Data Transfer Objects (DTOs) in a Spring Data JPA application?**

- A) To directly map to database tables.
- B) To reduce the number of database queries.
- C) To transfer data between different parts of the application, especially between the service and presentation layers.
- D) To manage transactions.

**When a user sends a request to the API, which layer is the layer that actually receives the request?**

- A) The Service
- B) The Entity
- C) The Repository
- D) The Controller