**Week 9: Integrate PHP with MySQL Database**

1. **How do you create a database in MySQL?**
   * Using the CREATE DATABASE statement.
2. **What is the purpose of the CREATE TABLE statement?**
   * To define a new table in a database.
3. **How do you perform a DELETE operation in SQL?**
   * Using the DELETE FROM table WHERE condition; statement.
4. **What is the purpose of the UPDATE SQL statement?**
   * To modify existing records in a database.
5. **How do you fetch records from a database in PHP?**
   * Using mysqli\_fetch\_assoc() or similar functions.
6. **What is a foreign key in SQL?**
   * A field that links two tables together.
7. **How do you sanitize user input in PHP?**
   * Using functions like mysqli\_real\_escape\_string().
8. **What are prepared statements?**
   * SQL statements that are precompiled and can be executed multiple times.
9. **How do you close a database connection in PHP?**
   * Using mysqli\_close().
10. **What is the purpose of transactions in SQL?**
    * To ensure that a series of operations are completed successfully.