ASSIGNMENT-5

Shared Preferences

1. What are Shared Preferences in Android and when would you use them?

2. How can you store a String value in Shared Preferences and later retrieve it?

3. What is the difference between MODE_PRIVATE and MODE_MULTI_PROCESS in Shared Preferences?

4. What does apply() do in contrast to commit() while saving data in Shared Preferences?

Files and Directories

5. What are the different types of storage available in Android for saving files?

6. How do you create a new file and write data to it in internal storage?

7. What are the steps to read a file from external storage in Android? Explain the required permissions.

SQLite Database Connectivity and Operations

8. How do you create a SQLite database in an Android application? Describe the necessary steps.

9. What is the role of the SQLiteOpenHelper class, and how can it simplify database operations?

10. Explain how to perform CRUD (Create, Read, Update, Delete) operations in a SQLite database using Android. Provide a brief example for each.

Content Providers: Basics

11. What is a Content Provider, and why would you use one in Android development?

12. What are the main components of a Content Provider in Android?

Content URI and Content Resolver

13. What is a Content URI, and how does it differ from a regular URI?

14. How do you interact with a Content Provider using a Content Resolver in your Android application?

Built-in Content Providers

15. Can you name some built-in Content Providers in Android and describe their use cases?