



FACULTY OF SCIENCE || DEPARTMENT OF COMPUTER APPLICATIONS || MCA 20MCACC302 || Mobile App Development using Android|| Assignment-2

Explain the following questions in details.

1. How to create database, create table, insert a record and search a record operation using SQLiteDatabase in android application? Explain with example.
2. What is Content Provider? What are the Built-in Content Providers? Explain any one with example?
3. What is Shared Preference? Discuss using example how to work with the Preferences.
4. Explain Option Menu & Context Menu with example.
5. What is the use of Dialog? Discuss various kinds of dialogs supported by Android.
6. How to apply Animation in Android Application? Explain with example.
7. What is Gradient? Explain types of gradients with code example to draw circle with linear gradient, radial gradient and sweep gradient.
8. What is Location Based Services explain with example?
9. How to play audio in android app? Explain it with example.
10. Explain how to capture an image using Camera and explain it with example?
11. Write an android code to send and receive SMS.
12. Which steps are required for a developer to prepare an Android application for publication and distribution on Google Play?