

IICC-MCA-I Sem-II Summer-23 Practical-II

1. Create an android application that displays the “Welcome to IICC” message. (page 78)
2. Create the start activity demo android application which calls the other built in activity Contacts. (eg. When you touch the mobile screen, the contact activity is invoked). (page 82..85).
3. Create an android application which manages the Lifecycle of an Activity. (page 88)
4. Create an android application and apply themes and styles to an activity. (page 91)
5. Create an android application, which pops up an Alert Dialog with three buttons. (page 131)
6. Create an android application using intents and two activities. On the first activity, user can add name and then on pressing the OK button, the second activity should be started. The second activity must greet the user by using the text that entered on Activity one (eg Hi User)(page 132)
7. Create an android application using the intent object to invoke the built-in-browser and open google.com in it (page 134)
8. Create an android application in which each layout is added by defining the Android XML file. (page 136,137)
9. Create an android application which is used to display the Radio Button view. (page 163,164)
10. Create an android application which is used to display the Check box view. (page 166,167)
11. Create an android application which is used to display the ImageButton view. (page 168,169)
12. Create an android application which is used to display the ToggleButton view. (page 170,171)
13. Create an android application which is used to display the RatingBar view. (page 172,173)
14. Create an android application to create Options Menu (page 193,194)
15. Create an android application to create ContextMenu (page 195,196,197)
16. Create an android application with three toggle buttons named toggle 1, toggle 2 and toggle 3. Use an extra button called states, which on tapping shows the current states (i.e. ON or OFF) of three toggle buttons through a toast notification. (page 201)
17. Create an android application using the multiple radio Buttons in Alert Dialog.(page 202)

Book- Android Application Development Black Book Pradip Kothari dreamTech press

1. What is android? Explain the role of Linux kernel in Android application.
2. Describe the role of Dalvik Virtual machine.
3. Enlist the main features of Android OS.
4. Discuss the major Android application components. (Activity, Services, Content Providers, Broadcast receivers)
5. What is API level and why it is important?
6. What is an activity? How is it created?
7. Define style and theme. How are they applied to an activity?
8. What is intent? Describe the role of intent in Android Programming.
9. Explain Fragments in Android Programming.
10. What are view and ViewGroup? Describe the role of Adapter View class.
11. What are different Layouts available in android? Describe the LinearLayout.

12. What is the difference between Relative Layout and Frame Layout?
13. Explain about preference fragment.