**MCA II year III Semester**

**List of Android programs for Journal**

**Note: Kindly prepare hard copy for the journal and attach xml file, Mainactivity.java file, Screenshot of the output and other files as per programs requirement (e.g. Android Manifest file etc.) and Submit hard copy.**

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| **1** | Create a simple calculator. |
| **2** | Write a program to find different views (buttons, Textview, Edittext etc.) |
| **3** | Write a program to show the intent (move from one activity to another activity). |
| **4** | Write a program to show simple Listview and Webview. |
| **5** | Write a program to show Gridview and Spinner (Dropdownlist). |
| **6** | Write a program to show checkbox and Radiobutton. |
| **7** | Write a program to show Alertdialogbox and Progressbar. |
| **8** | Write a program to show Ratingbar and Googlemap on your screen. |
| **9** | Write a program to show bluetooth (on and off). |
| **10** | Write a program to show Audio and Video on your screen. |
| **11** | Write a program to show Current date (Datepicker) and current time (Timepicker) on your screen. |
| **12** | Write a program to on Camera on your screen and take a photograph. |
| **13** | Write a program to show GPStracker on your screen (Latitude and Longitude). |
| **14** | Write a program to send SMS (Run this application on your actual android phone and show SMS received). |
| **15** | Write a program to make a phone call. (Run this application on your actual android phone and show phone call on your screen). |
| **16** | Write a program to send mail and show the received mail from your mailbox. |
| **17** | Write a program to show whether Wi-Fi connection is on or off from your screen. |
| **19** | Write a program to show Table layout and Toggle button. |
| **20** | Write a program to show SQLite database to perform CRUD operations (Create, Read, Update and Delete). |
| **21** | Write a program to show image gesture (touch screen events such as pinch, double tap, scrolls, long presses and flinch). |
| **22** | Write a program to show internal storage demo by storing and reading file. E.g. code.txt |
| **23** | Write a program to show MultiautocompleteTextview. |
| **24** | Write a program to show Multitouch. (More than one touches the screen at the same time.) |
| **25** | Write a program to show Push notification. (It creates a basic application that allows you to create a notification. |
| **26** | Write a program to show how to use Location Services in your app to get the current location and its equivalent addresses etc. |
| **27** | Write a program to show Texture View. (It creates a basic application that allows you to view camera inside a texture view and change its angle, orientation etc.) |
| **28** | Write a program to show network connection. (It creates a basic application that allows you to download HTML from a given web page.) |
| **29** | Write a program to show Audio Capture (It provides demonstration of Media Recorder class to capture audio and then Media Player class to play that recorded audio.) |
| **30** | Write a program to show Image effects. (It demonstrates some of the image effects on the bitmap. It creates a basic application that allows you to convert the picture into grayscale and much more. |
| **31** | Write a program to show custom Fonts (It creates a basic application that displays a custom font that you specified in the fonts file.) |
| **32** | Write a program to show Progress Circle (It display a spinning progress dialog on pressing the button.) |
| **33** | Write a program to show Navigation (It creates a basic application that allows you to navigate within your application.) |
| **34** | Write a program to show androidcustomgridview. |
| **35** | Write a program to show Restful Web Service. |

**Prof. Asmita Hendre**