Lab 1

1. Write basic steps to install and run application using emulator into android studio.
2. Write a basic steps to create and run basic android application that display your name, email, phone and address and your image.
3. Create an application that will demonstrate all layout types with proper example.
4. Create an application that takes the name from a text box and shows hello message along with the name entered in text box, when the user clicks the OK button.
5. Create a screen that has input boxes for User Name, Password, and Address, Gender (radio buttons for male and female), Age (numeric), Date of Birth (Date Picket), State (Spinner) and a Submit button. On clicking the submit button, print all the data below the Submit Button (use any layout)
6. Design an android application to create page using Intent and one Button and pass the Values from one Activity to second Activity.

Lab 2

1. Develop a mobile application to take input for 3 fields for (number1, number2, and operator), calculate result according to operator passed and display result using Toast message.
2. Develop a mobile application to input your name, email, gender, age and website and display those information into same screen.
3. Develop an android application that take user input for name, email, phone and address and display those information into next activity.
4. Develop an android application to calculate simple interest. Your application should contains fields to input principal, rate, time and button for calculate simple interest. Display result into next screen.
5. Create an android application using Fragments.
6. Design an android application for menu optional menu, context menu.

Lab-3

1. Create an android application to show list of students name using list view.
2. Create an android application to demonstrate recycler view.
3. Develop an android application to display list of 20 product information which includes (image, price and title) using grid view and list view
4. Create an android application for user login using database system.
5. Develop an android application to perform CRUD operation for name,email,phone and feedback message, store those information into SQLite database.
6. Develop an android application to register using form and login with registered data using SQLite Database.

Lab-4

7. Develop an application to use Rest API to store and list data.(Use dummy API or create your own API)
8. Create android program to point your current location using google map.
9. Write a swift program to add two number.
10. Write a swift program to store list of even number into array and calculate sum.