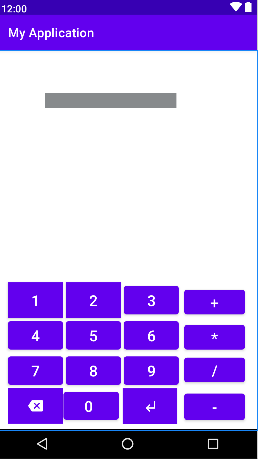
Android Lab Cycle 1

1. Design a simple calculator, and set properties using .xml file.

*<?***xml version="1.0" encoding="utf-8"***?>*<**androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity"**>  
  
 <**Button  
 android:id="@+id/button24"  
 android:layout\_width="96dp"  
 android:layout\_height="51dp"  
 android:layout\_marginStart="296dp"  
 android:layout\_marginBottom="176dp"  
 android:text="+"  
 android:textSize="24sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"** />  
  
 <**Button  
 android:id="@+id/button23"  
 android:layout\_width="96dp"  
 android:layout\_height="51dp"  
 android:layout\_marginStart="296dp"  
 android:layout\_marginBottom="120dp"  
 android:text="\*"  
 android:textSize="24sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"** />  
  
 <**Button  
 android:id="@+id/button22"  
 android:layout\_width="87dp"  
 android:layout\_height="57dp"  
 android:layout\_marginStart="200dp"  
 android:layout\_marginBottom="176dp"  
 android:text="3"  
 android:textSize="24sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"** />  
  
 <**Button  
 android:id="@+id/button21"  
 android:layout\_width="87dp"  
 android:layout\_height="57dp"  
 android:layout\_marginStart="108dp"  
 android:layout\_marginBottom="176dp"  
 android:text="2"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 tools:background="#2196F3"  
 tools:textSize="24sp"** />  
  
 <**Button  
 android:id="@+id/button20"  
 android:layout\_width="87dp"  
 android:layout\_height="57dp"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginBottom="176dp"  
 android:background="#00BCD4"  
 android:text="1"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 tools:textSize="24sp"  
 tools:textStyle="normal"** />  
  
 <**Button  
 android:id="@+id/button19"  
 android:layout\_width="87dp"  
 android:layout\_height="57dp"  
 android:layout\_marginStart="200dp"  
 android:layout\_marginBottom="120dp"  
 android:text="6"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 tools:textSize="24sp"** />  
  
 <**Button  
 android:id="@+id/button18"  
 android:layout\_width="87dp"  
 android:layout\_height="57dp"  
 android:layout\_marginStart="108dp"  
 android:layout\_marginBottom="120dp"  
 android:text="5"  
 android:textSize="24sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"** />  
  
 <**Button  
 android:id="@+id/button17"  
 android:layout\_width="87dp"  
 android:layout\_height="57dp"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginBottom="120dp"  
 android:text="4"  
 android:textSize="24sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"** />  
  
 <**Button  
 android:id="@+id/button16"  
 android:layout\_width="96dp"  
 android:layout\_height="54dp"  
 android:layout\_marginStart="296dp"  
 android:layout\_marginBottom="8dp"  
 android:text="-"  
 android:textSize="24sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"** />  
  
 <**ImageButton  
 android:id="@+id/button12"  
 android:layout\_width="87dp"  
 android:layout\_height="57dp"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginBottom="8dp"  
 android:src="@drawable/ic\_baseline\_backspace\_24"  
 android:textSize="16sp"  
 app:tint="@color/white"  
 android:background="@color/design\_default\_color\_primary"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"** />  
  
 <**Button  
 android:id="@+id/button13"  
 android:layout\_width="87dp"  
 android:layout\_height="57dp"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginBottom="64dp"  
 android:text="7"  
 android:textSize="24sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"** />  
  
 <**Button  
 android:id="@+id/button14"  
 android:layout\_width="87dp"  
 android:layout\_height="57dp"  
 android:layout\_marginStart="108dp"  
 android:layout\_marginBottom="64dp"  
 android:text="8"  
 android:textSize="24sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"** />  
  
 <**Button  
 android:id="@+id/button15"  
 android:layout\_width="87dp"  
 android:layout\_height="57dp"  
 android:layout\_marginStart="200dp"  
 android:layout\_marginBottom="64dp"  
 android:text="9"  
 android:textSize="24sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"** />  
  
 <**ImageButton  
 android:id="@+id/button11"  
 android:layout\_width="87dp"  
 android:layout\_height="57dp"  
 android:layout\_marginStart="198dp"  
 android:layout\_marginTop="538dp"  
 android:layout\_marginBottom="16dp"  
 android:src="@drawable/ic\_baseline\_subdirectory\_arrow\_left\_24"  
 app:tint="@color/white"  
 android:background="@color/design\_default\_color\_primary"  
 android:textSize="24sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.0"** />  
  
 <**Button  
 android:id="@+id/button10"  
 android:layout\_width="88dp"  
 android:layout\_height="56dp"  
 android:layout\_marginStart="104dp"  
 android:layout\_marginTop="538dp"  
 android:layout\_marginBottom="16dp"  
 android:text="0 "  
 android:textSize="24sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.0"** />  
  
 <**Button  
 android:id="@+id/button9"  
 android:layout\_width="96dp"  
 android:layout\_height="51dp"  
 android:layout\_marginStart="296dp"  
 android:layout\_marginBottom="68dp"  
 android:text="/"  
 android:textSize="24sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"** />  
  
 <**EditText  
 android:id="@+id/editTextTextPersonName"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:background="@color/black"  
 android:backgroundTint="#878A8C"  
 android:ems="10"  
 android:inputType="textPersonName"  
 android:text=""  
 tools:layout\_editor\_absoluteX="75dp"  
 tools:layout\_editor\_absoluteY="69dp"** />  
  
</**androidx.constraintlayout.widget.ConstraintLayout**>

Output



1. Develop an application for a simple registration page using .xml file.
2. Design an application for the login page using .xml file.
3. Develop your Profile page using .xml file.