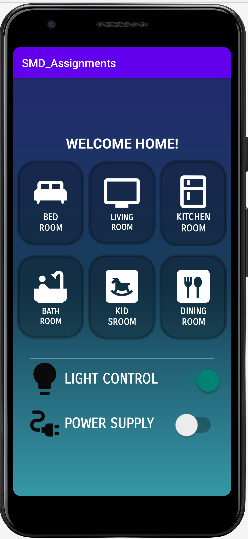
**Assignment 1: Using Linear Layout**

**Task 1:**

**Activity 1:**

*<?*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"  
 android:background="@drawable/gradient\_menuform"  
 tools:context=".Assignment\_1.Task\_1">  
  
 <LinearLayout  
 android:id="@+id/linearLayout"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="horizontal"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 tools:ignore="MissingConstraints"  
 tools:layout\_editor\_absoluteY="0dp">  
  
 <TextView  
 android:id="@+id/textView"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="100dp"  
 android:layout\_weight="1"  
 android:text="@string/welcome\_home"  
 android:textAlignment="center"  
 android:textColor="@color/white"  
 android:textSize="25sp"  
 android:textStyle="bold" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="horizontal"  
 android:layout\_marginTop="140dp"  
 android:layout\_marginBottom="420dp">  
  
  
 <Button  
 android:id="@+id/button1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="7dp"  
 android:layout\_weight="1"  
 android:backgroundTint="#41020202"  
 android:background="@drawable/rounded\_corner"  
 android:elevation="2dp"  
 android:padding="22dp"  
 android:shadowColor="@color/white"  
 android:drawableTop="@drawable/baseline\_king\_bed\_24"  
 android:fontFamily="sans-serif-smallcaps"  
 android:text="@string/bed\_nroom"  
 android:textSize="16sp"  
 android:textStyle="bold"  
 android:textColor="@color/white"  
 tools:ignore="TextSizeCheck,VisualLintButtonSize"  
 style="?android:attr/buttonBarButtonStyle" />  
  
 <Button  
 android:id="@+id/button2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="7dp"  
 android:layout\_marginBottom="7dp"  
 android:layout\_weight="1"  
 android:backgroundTint="#41020202"  
 android:background="@drawable/rounded\_corner"  
 android:elevation="2dp"  
 android:padding="22dp"  
 android:shadowColor="@color/white"  
 android:drawableTop="@drawable/baseline\_tv\_24"  
 android:fontFamily="sans-serif-smallcaps"  
 android:text="@string/living\_nroom"  
 android:textSize="15sp"  
 android:textStyle="bold"  
 android:textColor="@color/white"  
 tools:ignore="TextSizeCheck,VisualLintButtonSize"  
 style="?android:attr/buttonBarButtonStyle" />  
  
 <Button  
 android:id="@+id/button3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="7dp"  
 android:layout\_weight="1"  
 android:backgroundTint="#41020202"  
 android:background="@drawable/rounded\_corner"  
 android:elevation="2dp"  
 android:padding="22dp"  
 android:shadowColor="@color/white"  
 android:drawableTop="@drawable/baseline\_kitchen\_24"  
 android:fontFamily="sans-serif-smallcaps"  
 android:text="@string/kitchen\_nroom"  
 android:textSize="17sp"  
 android:textStyle="bold"  
 android:textColor="@color/white"  
 tools:ignore="TextSizeCheck,VisualLintButtonSize"  
 style="?android:attr/buttonBarButtonStyle" />  
  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="horizontal"  
 android:layout\_marginTop="310dp"  
 android:layout\_marginBottom="250dp">  
  
 <Button  
 android:id="@+id/button4"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="7dp"  
 android:layout\_weight="1"  
 android:backgroundTint="#41020202"  
 android:background="@drawable/rounded\_corner"  
 android:elevation="2dp"  
 android:padding="22dp"  
 android:shadowColor="@color/white"  
 android:drawableTop="@drawable/baseline\_bathtub\_24"  
 android:fontFamily="sans-serif-smallcaps"  
 android:text="@string/bath\_nroom"  
 android:textSize="15sp"  
 android:textStyle="bold"  
 android:textColor="@color/white"  
 tools:ignore="TextSizeCheck,VisualLintButtonSize"  
 style="?android:attr/buttonBarButtonStyle" />  
  
 <Button  
 android:id="@+id/button5"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="7dp"  
 android:layout\_marginBottom="7dp"  
 android:layout\_weight="1"  
 android:backgroundTint="#41020202"  
 android:background="@drawable/rounded\_corner"  
 android:elevation="2dp"  
 android:padding="22dp"  
 android:shadowColor="@color/white"  
 android:drawableTop="@drawable/baseline\_bedroom\_baby\_24"  
 android:fontFamily="sans-serif-smallcaps"  
 android:text="@string/kid\_nsroom"  
 android:textSize="16sp"  
 android:textStyle="bold"  
 android:textColor="@color/white"  
 tools:ignore="TextSizeCheck,VisualLintButtonSize"  
 style="?android:attr/buttonBarButtonStyle" />  
  
 <Button  
 android:id="@+id/button6"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="7dp"  
 android:layout\_weight="1"  
 android:backgroundTint="#41020202"  
 android:background="@drawable/rounded\_corner"  
 android:elevation="2dp"  
 android:padding="22dp"  
 android:shadowColor="@color/white"  
 android:drawableTop="@drawable/baseline\_dining\_24"  
 android:fontFamily="sans-serif-smallcaps"  
 android:text="@string/dining\_nroom"  
 android:textSize="16sp"  
 android:textStyle="bold"  
 android:textColor="@color/white"  
 tools:ignore="TextSizeCheck,VisualLintButtonSize"  
 style="?android:attr/buttonBarButtonStyle" />  
  
 </LinearLayout>  
  
 <View  
 android:layout\_width="match\_parent"  
 android:layout\_height="1dp"  
 android:layout\_marginStart="30dp"  
 android:layout\_marginEnd="30dp"  
 android:layout\_marginBottom="-520dp"  
 android:background="@color/white"  
 app:layout\_constraintBottom\_toTopOf="@+id/linearLayout"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/linearLayout"  
 app:layout\_constraintVertical\_bias="0.32999998"  
 tools:ignore="MissingConstraints" />  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="horizontal"  
 android:layout\_marginTop="500dp"  
 android:layout\_marginBottom="160dp">  
  
  
 <Button  
 android:id="@+id/button7"  
 android:layout\_width="222dp"  
 android:layout\_height="82dp"  
 android:layout\_marginStart="22dp"  
 android:layout\_weight="1"  
 android:background="#00FFFFFF"  
 android:drawableStart="@drawable/baseline\_lightbulb\_24"  
 android:fontFamily="sans-serif-smallcaps"  
 android:text="@string/light\_control"  
 android:textAlignment="textStart"  
 android:textColor="@color/white"  
 android:textSize="25sp"  
 android:textStyle="bold"  
 tools:ignore="TextSizeCheck,VisualLintButtonSize,VisualLintBounds" />  
  
 <Switch  
 android:id="@+id/switch1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginEnd="50dp"  
 android:layout\_weight="1"  
 android:minHeight="48dp"  
 android:scaleX="2"  
 android:scaleY="2"  
 android:textColorHighlight="#DF1A1A"  
 tools:ignore="UseSwitchCompatOrMaterialXml,DuplicateSpeakableTextCheck,VisualLintBounds,VisualLintButtonSize" />  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
 android:orientation="horizontal"  
 android:layout\_marginTop="580dp">  
  
 <Button  
 android:id="@+id/button8"  
 android:layout\_width="222dp"  
 android:layout\_height="82dp"  
 android:layout\_marginStart="22dp"  
 android:layout\_weight="1"  
 android:background="#00FFFFFF"  
 android:drawableStart="@drawable/baseline\_electrical\_services\_24"  
 android:fontFamily="sans-serif-smallcaps"  
 android:text="@string/power\_supply"  
 android:textAlignment="textStart"  
 android:textColor="@color/white"  
 android:textSize="25sp"  
 android:textStyle="bold"  
 tools:ignore="TextSizeCheck,VisualLintButtonSize" />  
  
 <Switch  
 android:id="@+id/switch2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:layout\_marginEnd="50dp"  
 android:minHeight="48dp"  
 android:scaleY="2"  
 android:scaleX="2"  
 tools:ignore="UseSwitchCompatOrMaterialXml,VisualLintButtonSize" />  
  
 </LinearLayout>  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**Output:**



**Activity 2:**

*<?*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"  
 android:background="@drawable/gradient\_loginform"  
 tools:context=".Assignment\_1.Task\_2">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="horizontal">  
  
 <TextView  
 android:id="@+id/textView2"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="70dp"  
 android:layout\_weight="1"  
 android:fontFamily="@font/kaushan\_script"  
 android:text="zinenic"  
 android:textAlignment="center"  
 android:textColor="@color/white"  
 android:textSize="80sp"  
 android:textStyle="bold" />  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="horizontal"  
 android:layout\_marginTop="230dp"  
 android:layout\_marginLeft="30dp"  
 android:layout\_marginRight="30dp"  
 android:layout\_marginBottom="430dp">  
  
 <EditText  
 android:id="@+id/editTextTextEmailAddress2"  
 style="@style/Widget.AppCompat.AutoCompleteTextView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="10dp"  
 android:layout\_marginLeft="5dp"  
 android:layout\_weight="1"  
 android:autofillHints="emailAddress"  
 android:drawableStart="@drawable/baseline\_email\_24"  
 android:ems="12"  
 android:hint="Email Adress"  
 android:inputType="textEmailAddress"  
 android:paddingStart="@dimen/fab\_margin"  
 android:paddingBottom="@dimen/fab\_margin"  
 android:shadowColor="#000000"  
 android:textAlignment="center"  
 android:textColor="#FFFFFF"  
 android:textColorHighlight="#FFFFFF"  
 android:textColorHint="@color/white"  
 android:textSize="25dp" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
 android:orientation="horizontal"  
 android:layout\_marginLeft="30dp"  
 android:layout\_marginRight="30dp"  
 android:layout\_marginTop="330dp"  
 android:layout\_marginBottom="300dp">  
  
 <EditText  
 android:id="@+id/editTextTextPassword"  
 style="@style/Widget.AppCompat.AutoCompleteTextView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="79dp"  
 android:layout\_margin="10dp"  
 android:layout\_marginLeft="5dp"  
 android:layout\_weight="1"  
 android:autofillHints="password"  
 android:drawableStart="@drawable/baseline\_lock\_24"  
 android:ems="12"  
 android:hint="\*\*\*\*\*\*\*\*\*\*\*\*"  
 android:inputType="textPassword"  
 android:paddingStart="@dimen/fab\_margin"  
 android:paddingBottom="@dimen/fab\_margin"  
 android:shadowColor="#000000"  
 android:textAlignment="center"  
 android:textColor="#FFFFFF"  
 android:textColorHighlight="#FFFFFF"  
 android:textColorHint="@color/white"  
 android:textSize="25dp" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="horizontal"  
 android:layout\_marginLeft="30dp"  
 android:layout\_marginRight="30dp"  
 android:layout\_marginTop="460dp"  
 android:layout\_marginBottom="170dp">  
  
 <Button  
 android:id="@+id/button"  
 android:layout\_width="303dp"  
 android:layout\_height="69dp"  
 android:layout\_marginLeft="40dp"  
 android:layout\_marginRight="40dp"  
 android:layout\_weight="1"  
 android:background="@drawable/rounded\_corner"  
 android:backgroundTint="@color/white"  
 android:fontFamily="sans-serif-smallcaps"  
 android:shadowColor="@color/white"  
 android:text="Sign Up"  
 android:textColor="#077347"  
 android:textSize="30dp"  
 android:textStyle="bold" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="horizontal"  
 android:layout\_marginLeft="30dp"  
 android:layout\_marginRight="30dp"  
 android:layout\_marginTop="530dp"  
 android:layout\_marginBottom="130dp">  
  
 <TextView  
 android:id="@+id/textView3"  
 android:layout\_width="0dp"  
 android:layout\_height="44dp"  
 android:layout\_marginTop="10dp"  
 android:layout\_weight="1"  
 android:fontFamily="@font/open\_sans"  
 android:text="Forget Password?"  
 android:textAlignment="center"  
 android:textColor="@color/white"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="0dp"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
 android:orientation="horizontal"  
 android:layout\_marginRight="30dp"  
 android:layout\_marginTop="660dp"  
 tools:ignore="MissingConstraints">  
  
  
 <Button  
 android:id="@+id/button7"  
 android:layout\_width="302dp"  
 android:layout\_height="82dp"  
 android:layout\_marginStart="15dp"  
 android:layout\_weight="1"  
 android:background="#00FFFFFF"  
 android:drawableStart="@drawable/baseline\_person\_search\_24"  
 android:fontFamily="@font/open\_sans"  
 android:text=" Facebook"  
 android:textAlignment="textStart"  
 android:textColor="@color/white"  
 android:textSize="25sp"  
 android:textStyle="bold"  
 tools:ignore="TextSizeCheck,VisualLintButtonSize,VisualLintBounds" />  
  
 <Button  
 android:id="@+id/button9"  
 android:layout\_width="302dp"  
 android:layout\_height="82dp"  
 android:layout\_marginStart="15dp"  
 android:layout\_weight="1"  
 android:background="#00FFFFFF"  
 android:drawableStart="@drawable/baseline\_person\_pin\_circle\_24"  
 android:fontFamily="@font/open\_sans"  
 android:text=" Twitter"  
 android:textAlignment="textStart"  
 android:textColor="@color/white"  
 android:textSize="25sp"  
 android:textStyle="bold"  
 android:layout\_marginLeft="50dp"  
 tools:ignore="TextSizeCheck,VisualLintButtonSize,VisualLintBounds" />  
  
 </LinearLayout>  
  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**Output:**

