

PART1:

XML

```
<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.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:id="@+id/relviewid2"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context="m.com.lab1.MainActivity">

    <RelativeLayout
        android:id="@+id/relview1"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true">

        <Button
            android:id="@+id/btn1"
            android:layout_width="140dp"
            android:layout_height="60dp"
            android:text="Top Left" />

        <Button
            android:id="@+id/btn2"
            android:layout_width="140dp"
            android:layout_height="60dp"
            android:text="Top Right"
            android:layout_alignParentRight="true"/>

        <Button
            android:id="@+id/btn3"
            android:layout_width="140dp"
            android:layout_height="60dp"
            android:text="Center"
            android:layout_centerHorizontal="true"
            android:layout_centerVertical="true"
            />

        <Button
            android:id="@+id/btn4"
            android:layout_width="140dp"
            android:layout_height="60dp"
            android:text="Bottom Left"
            android:layout_alignParentBottom="true"/>
```

```

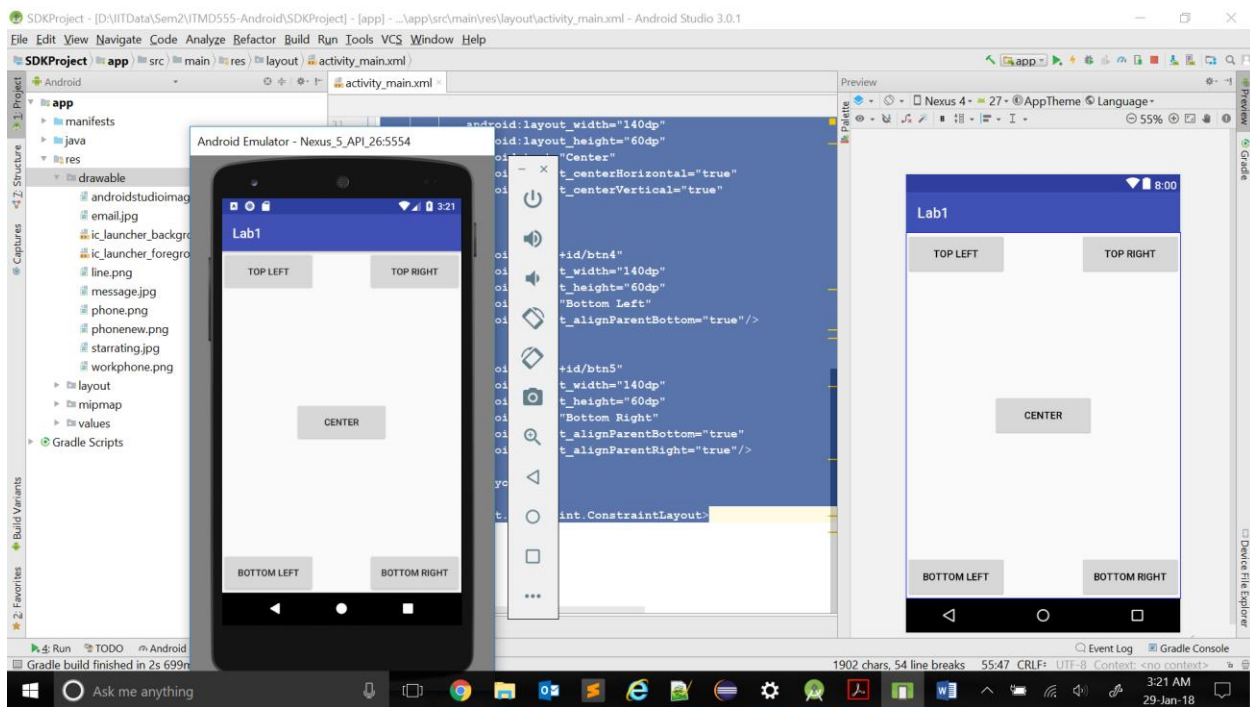
<Button
    android:id="@+id/btn5"
    android:layout_width="140dp"
    android:layout_height="60dp"
    android:text="Bottom Right"
    android:layout_alignParentBottom="true"
    android:layout_alignParentRight="true"/>

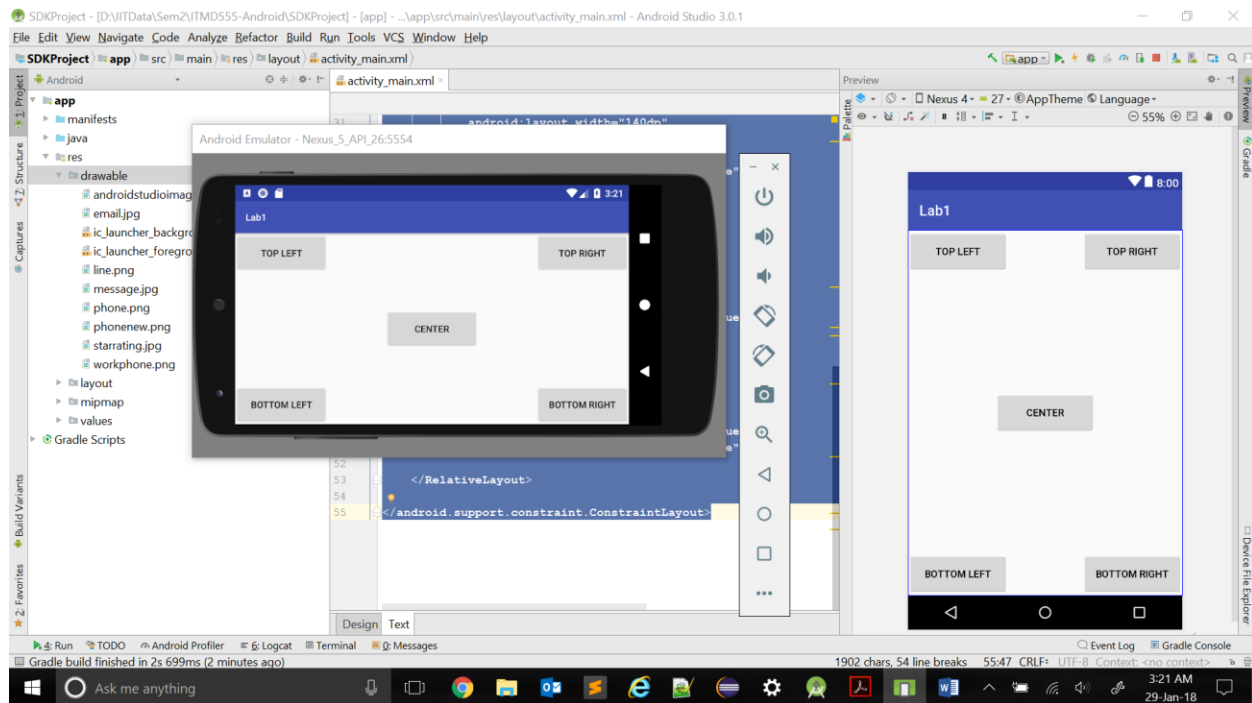
</RelativeLayout>

</android.support.constraint.ConstraintLayout>

```

SCREENSHOTS





PART2:

XML

```
<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.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:id="@+id/relviewid2"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context="m.com.lab1.MainActivity">

    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="match_parent">

        <RelativeLayout
            android:id="@+id/relview1"
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:layout_alignParentStart="true"
            android:layout_alignParentTop="true">

            <ImageView
                android:id="@+id/imageView"
                android:layout_width="match_parent"
                android:layout_height="200dp">
```

```
        android:layout_alignParentEnd="false"
        android:layout_alignParentStart="false"
        android:layout_alignParentTop="true"
        android:scaleType="fitXY"
        app:srcCompat="@drawable/androidstudioimage" />
```

```
<android.support.design.widget.FloatingActionButton
    android:id="@+id/floatingActionButton2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentEnd="true"
    android:layout_alignParentTop="true"
    android:layout_marginEnd="60dp"
    android:layout_marginTop="170dp"
    android:clickable="false"
    android:visibility="visible"
    app:backgroundTint="@color/colorAccent"
    app:srcCompat="@drawable/starrating" />
```

```
<ImageView
    android:id="@+id/imageView2"
    android:layout_width="40dp"
    android:layout_height="40dp"
    android:layout_below="@+id/floatingActionButton2"
    android:layout_marginEnd="25dp"
    android:layout_marginTop="20dp"
    android:layout_toStartOf="@+id/textView"
    android:adjustViewBounds="false"
    app:srcCompat="@drawable/phonenew" />
```

```
<TextView
    android:id="@+id/textView"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignTop="@+id/imageView2"
    android:layout_centerHorizontal="true"
    android:fontFamily="serif"
    android:text="(312) 409-1731"
    android:textAppearance="@style/TextAppearance.AppCompat"
    android:textColor="@android:color/darker_gray"
    android:textSize="16sp"
    android:textStyle="bold" />
```

```
<ImageView
    android:id="@+id/imageView6"
    android:layout_width="30dp"
    android:layout_height="25dp"
    android:layout_alignEnd="@+id/textView7"
    android:layout_alignTop="@+id/textView"
    app:srcCompat="@drawable/message" />
```

```
<TextView
    android:id="@+id/textView4"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignStart="@+id/textView"
    android:layout_below="@+id/textView"
    android:text="Personal Mobile" />
```

```
<ImageView
    android:id="@+id/imageView7"
    android:layout_width="40dp"
```

```

        android:layout_height="40dp"
        android:layout_alignStart="@+id/imageView2"
        android:layout_below="@+id/textView4"
        android:layout_marginTop="25dp"
        app:srcCompat="@drawable/workphone" />

<TextView
    android:id="@+id/textView5"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignStart="@+id/textView4"
    android:layout_alignTop="@+id/imageView7"
    android:layout_centerHorizontal="true"
    android:fontFamily="serif"
    android:textAppearance="@style/TextAppearance.AppCompat"
    android:textColor="@android:color/darker_gray"
    android:textSize="16sp"
    android:textStyle="bold"
    android:text="(312) 409 1731" />

<TextView
    android:id="@+id/textView6"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignBottom="@+id/imageView7"
    android:layout_alignStart="@+id/textView5"
    android:text="Work Mobile" />

<ImageView
    android:id="@+id/imageView8"
    android:layout_width="30dp"
    android:layout_height="25dp"
    android:layout_alignEnd="@+id/imageView6"
    android:layout_alignTop="@+id/textView5"
    app:srcCompat="@drawable/message" />

<ImageView
    android:id="@+id/imageView9"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignEnd="@+id/floatingActionButton2"
    android:layout_below="@+id/imageView7"
    android:layout_marginTop="20dp"
    android:layout_toEndOf="@+id/imageView7"
    app:srcCompat="@drawable/line" />

<ImageView
    android:id="@+id/imageView10"
    android:layout_width="40dp"
    android:layout_height="40dp"
    android:layout_below="@+id/imageView9"
    android:layout_marginTop="10dp"
    android:layout_toStartOf="@+id/imageView9"
    app:srcCompat="@drawable/email" />

<TextView
    android:id="@+id/textView7"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignStart="@+id/textView6"
    android:layout_alignTop="@+id/imageView10"
    android:fontFamily="serif"
    android:text="bpatel68@hawk.iit.edu"

```

```

        android:textSize="14sp"
        android:textStyle="bold"
        android:typeface="sans" />

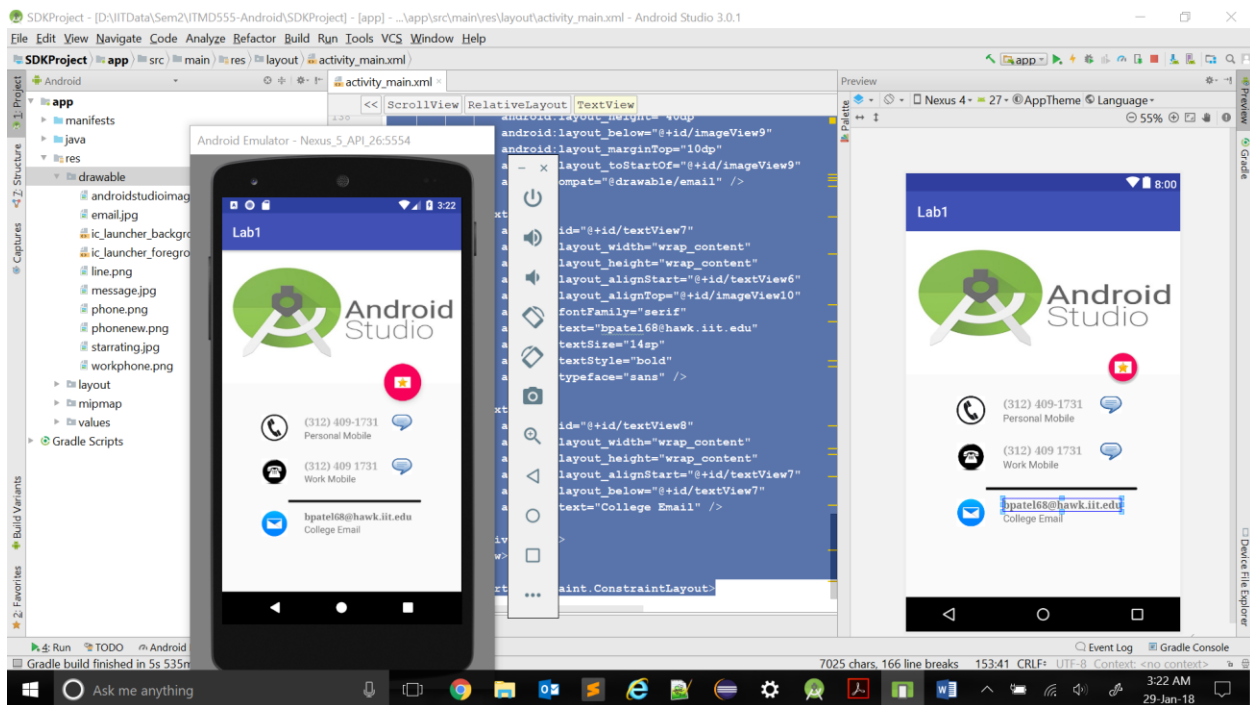
<TextView
    android:id="@+id/textView8"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignStart="@+id/textView7"
    android:layout_below="@+id/textView7"
    android:text="College Email" />

</RelativeLayout>
</ScrollView>

</android.support.constraint.ConstraintLayout>

```

SCREENSHOTS



IMPLEMENTING SCROLL FOR LANDSCAPE VIEW

