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ITMD555-Lab1

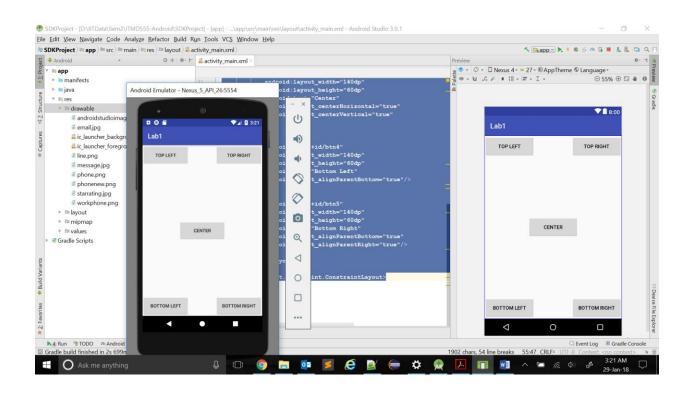
PART1:

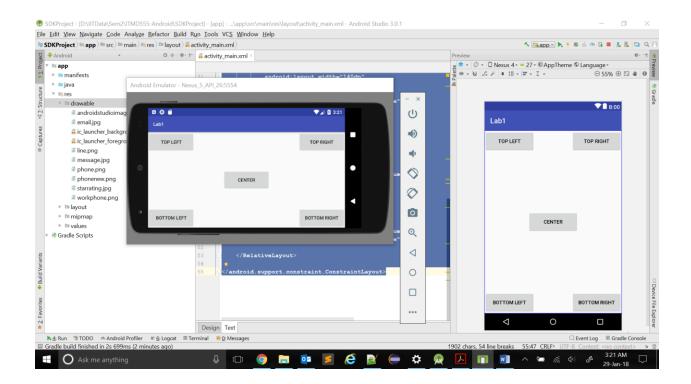
XML

```
<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.ConstraintLayout</pre>
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"/>
            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:

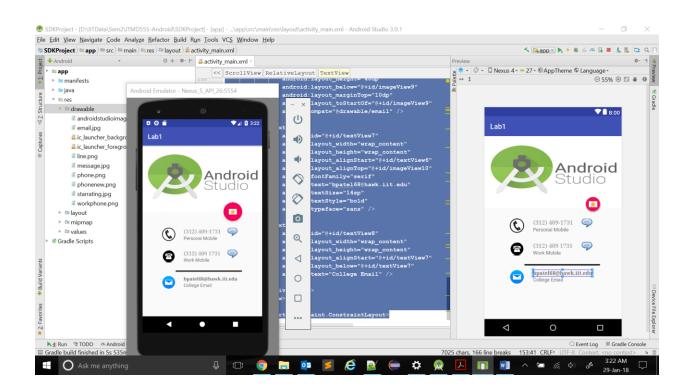
XML

```
<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.ConstraintLayout</pre>
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</pre>
                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</pre>
    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</pre>
    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" />
    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</pre>
    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</pre>
    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</pre>
    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</pre>
    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="bpate168@hawk.iit.edu"
```

SCREENSHOTS



IMPLEMENTING SCROLL FOR LANDSCAPE VIEW

