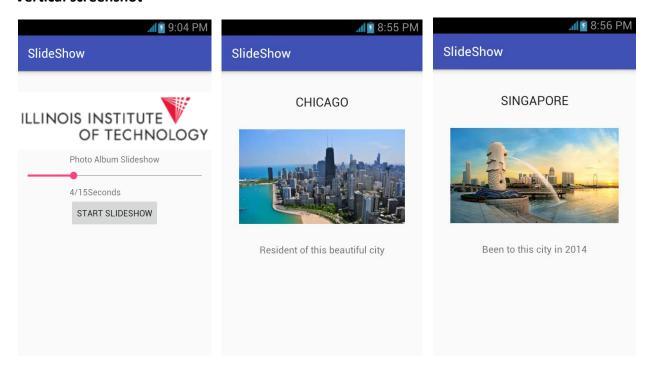
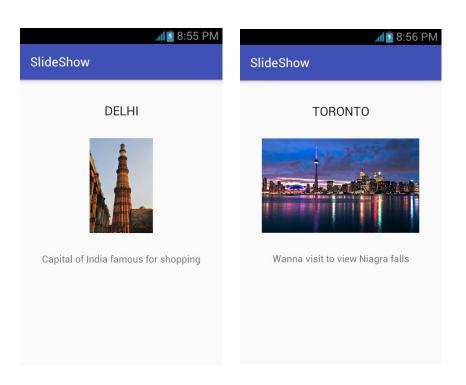
ITMD 555 Homework 5 - Slide Show

Screenshots:

Vertical screenshot

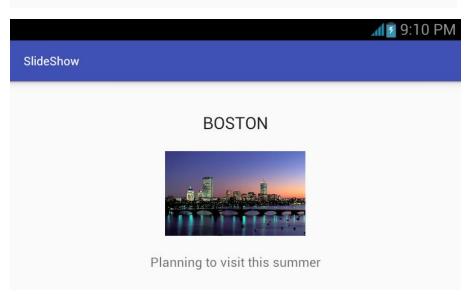




Landscape view







Source code:

AndroidMainfest.xml

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"</pre>
   package="com.example.shruti.slideshow">
    <application
        android:largeHeap="true"
        android:allowBackup="true"
        android:icon="@mipmap/ic launcher"
        android:label="@string/app name"
        android:roundIcon="@mipmap/ic launcher round"
        android:supportsRtl="true"
        android: theme="@style/AppTheme">
        <activity android:name=".MainActivity">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />
                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
        <activity android:name=".My2ndActivity"></activity>
    </application>
</manifest>
```

Activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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="com.example.shruti.slideshow.MainActivity">
    <ImageView</pre>
       android:layout width="150dp"
       android:layout_height="100dp"
       android:layout alignParentTop="true"
       android:layout_marginTop="30dp"
       android:id="@+id/imageView"
       android:layout_alignParentLeft="true"
        android:layout alignParentStart="true"
        android:layout alignParentRight="true"
        android:layout alignParentEnd="true"
       android:src="@drawable/logo" />
    <SeekBar
       android:layout width="wrap content"
       android:layout height="wrap content"
        android:id="@+id/seekbar"
        android:indeterminate="false"
       android:max="15"
       android:layout below="@id/imageView"
       android:layout_marginTop="20dp"
       android:layout_alignParentLeft="true"
       android:layout_alignParentStart="true"
        android:layout_alignParentRight="true"
        android:layout alignParentEnd="true"/>
```

```
<TextView
        android:layout width="match parent"
        android:layout height="wrap content"
        android:id="@+id/progresstext"
        android:layout below="@id/seekbar"
        android:layout_alignLeft="@+id/button1"
        android:layout alignStart="@+id/button1"
        android:layout_alignRight="@+id/button1"
        android:layout alignEnd="@+id/button1"
        android:textAlignment="center"/>
    <Button
        android:layout width="wrap content"
        android:layout height="wrap content"
        android:text="Start Slideshow"
        android:id="@+id/button1"
        android:layout below="@id/progresstext"
        android:layout centerHorizontal="true"/>
    <TextView
        android:layout width="wrap content"
        android:layout_height="wrap_content"
        android:text="Photo Album Slideshow"
        android:id="@+id/textView"
        android:layout below="@+id/imageView"
        android:layout centerHorizontal="true"/>
</RelativeLayout>
Activity 2nd.xml
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:orientation="vertical"
    android:layout width="match parent"
    android:layout height="match parent">
    <TextView
        android:layout width="200dp"
        android:layout height="wrap content"
        android: textAppearance="@style/TextAppearance.AppCompat.Large"
        android:id="@+id/heading"
        android:gravity="center horizontal"
        android:textSize="20dp"
        android:textAllCaps="true"
        android:layout alignParentTop="true"
        android:layout centerHorizontal="true"
        android:layout_marginTop="35dp"
        android: textAlignment="center"/>
    <ImageView</pre>
        android:layout width="150dp"
        android:layout height="100dp"
        android:layout marginTop="20dp"
        android: id="@+id/image"
        android:layout below="@id/heading"
        android:layout alignParentLeft="true"
        android:layout alignParentStart="true"
        android:layout alignParentRight="true"
        android:layout alignParentEnd="true"/>
    <TextView
        android:layout_width="280dp"
        android:layout_height="wrap_content"
        android: textAppearance="@style/TextAppearance.AppCompat.Medium"
        android:id="@+id/description"
        android:gravity="center horizontal"
```

```
android:textSize="15dp"
android:layout_marginTop="20dp"
android:textAlignment="center"
android:layout_below="@id/image"
android:layout_centerHorizontal="true"/>
</RelativeLayout>
```

MainActivity.java

```
package com.example.shruti.slideshow;
import android.content.Intent;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.SeekBar;
import android.widget.TextView;
public class MainActivity extends AppCompatActivity {
   public SeekBar seekBar;
   Button Click;
   public TextView progresscomp;
    int progress;
    @Override
   protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity main);
        Click = (Button) findViewById(R.id.button1);
        seekBar = (SeekBar) findViewById(R.id.seekbar);
       progresscomp = (TextView) findViewById (R.id.progresstext);
        seekBar.setOnSeekBarChangeListener(new SeekBar.OnSeekBarChangeListener() {
            @Override
            public void onProgressChanged(SeekBar seekBar, int progressValue, boolean
fromUser) {
                progress=progressValue;
                progresscomp.setText(progress + "/" + (seekBar.getMax()) + "Seconds");
            @Override
            public void onStartTrackingTouch(SeekBar seekBar) {
            }
            @Override
            public void onStopTrackingTouch(SeekBar seekBar) {
                progresscomp.setText(progress + "/" + (seekBar.getMax()) + "Seconds");
        });
        Click.setOnClickListener(new View.OnClickListener() {
            @Override
           public void onClick(View view) {
                Intent intent = new Intent(getApplicationContext(),
My2ndActivity.class);
                intent.putExtra("Progress", progress);
                startActivity(intent);
        });
```

```
}
```

My2ndActivity.java

```
package com.example.shruti.slideshow;
import android.os.Bundle;
import android.os.Handler;
import android.support.v7.app.AppCompatActivity;
import android.util.Log;
import android.widget.ImageView;
import android.widget.TextView;
* Created by shruti on 2/24/2018.
public class My2ndActivity extends AppCompatActivity {
   private Bundle extras;
   private long timer;
   private int time;
   private ImageView imageView;
   private TextView head;
   private TextView desc;
   private Handler customHandler = new Handler();
    Integer[] images = new Integer[]{
            R.drawable.boston, R.drawable.chicago, R.drawable.california,
R.drawable.delhi, R.drawable.london,
            R.drawable.mumbai, R.drawable.paris, R.drawable.singapore,
R.drawable.thailand, R.drawable.toronto
   String[] description = new String[]{
            "Planning to visit this summer", "Resident of this beautiful city", "City
of IT hub" , "Capital of India famous for shopping", "Planning to visit in October",
            "City of Indian Chats", "French Food and WINE!", "Been to this city in
2014", "Beach Resort, Pattaya <3", "Wanna visit to view Niagra falls"
    String[] heading = new String[]{
            "Boston", "Chicago", "California", "Delhi", "London", "Mumbai",
            "Paris", "Singapore", "Thailand", "Toronto"
    };
   private int i = 0;
    @Override
   protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity 2nd);
        try {
            extras = getIntent().getExtras();
            time = extras.getInt("progress");
            imageView = (ImageView) findViewById(R.id.image);
            head = (TextView) findViewById(R.id.heading);
            desc = (TextView) findViewById(R.id.description);
            customHandler.postDelayed(runnable, time * 1000);
        } catch (Exception ex) {
```

```
Log.d("EX0001", ex.getMessage());
       }
   }
   private Runnable runnable = new Runnable() {
       @Override
       public void run() {
            if (i < images.length) {</pre>
                imageView.setImageResource(images[i]);
                head.setText(heading[i]);
                desc.setText(description[i]);
                i++;
            if (i == images.length) {
               i = 0;
            customHandler.postDelayed(this, time * 1000);
        }
   } ;
   @Override
   protected void onResume(){
       super.onResume();
    @Override
   protected void onPause() {
       super.onPause();
    @Override
   protected void onStart() {
       super.onStart();
   @Override
   protected void onDestroy() {
      super.onDestroy();
}
```