***Q1***

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| ***activity\_main.xml***  <?xml version="1.0" encoding="utf-8"?>  <AbsoluteLayout xmlns:android="http://schemas.android.com/apk/res/android"  xmlns:tools="http://schemas.android.com/tools"  android:layout\_width="match\_parent"  android:layout\_height="match\_parent"  >  <ImageView  android:id="@+id/imageView"  android:layout\_width="match\_parent"  android:layout\_height="200dp"  android:layout\_x="-3dp"  android:layout\_y="49dp"  android:src="@drawable/wal" />  <Button  android:id="@+id/button"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_marginTop="40dp"  android:layout\_x="130dp"  android:layout\_y="396dp"  android:onClick="zoom"  android:text="Zoom In" />  <Button  android:id="@+id/button2"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_x="250dp"  android:layout\_y="396dp"  android:onClick="clockwise"  android:text="Clockwise" />  <Button  android:id="@+id/button3"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_x="12dp"  android:layout\_y="396dp"  android:onClick="fade"  android:text="Fade-In" /> | <Button  android:id="@+id/button4" android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_x="124dp"  android:layout\_y="465dp"  android:onClick="zoomout"  android:text="Zoom Out" />  <Button  android:id="@+id/button5"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_x="241dp"  android:layout\_y="465dp"  android:onClick="anticlock"  android:text="Anti Clockwise" />  <Button  android:id="@+id/button6"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_x="9dp"  android:layout\_y="465dp"  android:onClick="fadeout"  android:text="Fade Out" />  </AbsoluteLayout> |

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| ***zoomin.xml***  <?xml version="1.0" encoding="utf-8"?>  <set xmlns:android="http://schemas.android.com/apk/res/android">  <scale xmlns:android="http://schemas.android.com/apk/res/android"  android:fromXScale="0.5"  android:toXScale="3.0"  android:fromYScale="0.5"  android:toYScale="3.0"  android:duration="5000"  android:pivotX="50%"  android:pivotY="50%" >  </scale>  </set> | ***zoomout.xml***  <?xml version=”1.0” encoding=”utf-8”?>  <set xmlns:android=”http://schemas.android.com/apk/res/android”>  <scale xmlns:android=”http://schemas.android.com/apk/res/android”  android:fromXScale=”3.0”  android:toXScale=”0.5”  android:fromYScale=”3.0”  android:toYScale=”0.5”  android:duration=”5000”  android:pivotX=”50%”  android:pivotY=”50%” >  </scale>  <!-- android:startOffset=”5000”🡪  <!-- 🡪  </set> |
| ***fade.xml***  <?xml version="1.0" encoding="utf-8"?>  <set xmlns:android="http://schemas.android.com/apk/res/android">  <alpha  android:fromAlpha="0"  android:toAlpha="1"  android:duration="2000" >  </alpha>  </set> | ***fadeout.xml***  <?xml version="1.0" encoding="utf-8"?>  <set xmlns:android="http://schemas.android.com/apk/res/android">  <alpha  android:fromAlpha="1"  android:toAlpha="0"  android:duration="2000" >  </alpha>  <!-- android:startOffset="2000"-->  </set> |
| ***clockwise.xml*** <?xml version="1.0" encoding="utf-8"?>  <set xmlns:android="http://schemas.android.com/apk/res/android">  <rotate xmlns:android="http://schemas.android.com/apk/res/android"  android:fromDegrees="0"  android:toDegrees="360"  android:pivotX="50%"  android:pivotY="50%"  android:duration="5000" >  </rotate>  </set> | ***anticlockwise.xml***  <?xml version="1.0" encoding="utf-8"?>  <set xmlns:android="http://schemas.android.com/apk/res/android">  <rotate xmlns:android="http://schemas.android.com/apk/res/android"  android:fromDegrees="360"  android:toDegrees="0"  android:pivotX="50%"  android:pivotY="50%"  android:duration="5000" >  </rotate>  <!-- android:startOffset="5000"-->  </set> |

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| ***MainActivity.java***  package com.example.practical25;  import androidx.appcompat.app.AppCompatActivity;  import android.os.Bundle;  import android.view.View;  import android.view.animation.Animation;  import android.view.animation.AnimationUtils;  import android.widget.ImageView;  public class MainActivity extends AppCompatActivity {  @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.activity\_main);  }  public void clockwise(View view){  ImageView image = (ImageView)findViewById(R.id.imageView);  Animation animation = AnimationUtils.loadAnimation(getApplicationContext(), R.anim.clockwise);  image.startAnimation(animation);  }  public void zoom(View view){  ImageView image = (ImageView)findViewById(R.id.imageView);  Animation animation1 = AnimationUtils.loadAnimation(getApplicationContext(), R.anim.zoomin);  image.startAnimation(animation1);  }  public void fade(View view){  ImageView image = (ImageView)findViewById(R.id.imageView);  Animation animation1 = | AnimationUtils.loadAnimation(getApplicationContext(), R.anim.fade);  image.startAnimation(animation1);  }  public void anticlock(View view){  ImageView image = (ImageView)findViewById(R.id.imageView);  Animation animation1 =  AnimationUtils.loadAnimation(getApplicationContext(), R.anim.anticlockwise);  image.startAnimation(animation1);  }  public void fadeout(View view){  ImageView image = (ImageView)findViewById(R.id.imageView);  Animation animation1 =  AnimationUtils.loadAnimation(getApplicationContext(), R.anim.fadeout);  image.startAnimation(animation1);  }  public void zoomout(View view){  ImageView image = (ImageView)findViewById(R.id.imageView);  Animation animation1 =  AnimationUtils.loadAnimation(getApplicationContext(), R.anim.zoomout);  image.startAnimation(animation1);  }  } |