

Program 10

Demonstration of Toggle Button

MainActivity.java

```
package com.example.a10togglebutton;

import android.app.Activity;
import android.view.View;
import android.widget.Button;
import android.widget.ImageView;
import android.os.Bundle;

import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {
    String s = "Next";

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        // TODO Auto-generated method stub
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        Button next = (Button) findViewById(R.id.next);
        next.setText(s);
        next.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                if (s.equals("Next")) {
                    // TODO Auto-generated method stub

                    ImageView img = (ImageView)
findViewById(R.id.imageview);
                    img.setImageResource(R.drawable.pic1);
                    Button next = (Button) findViewById(R.id.next);
                    s = "Prev";
                    next.setText(s);
                } else {
                    ImageView img = (ImageView)
findViewById(R.id.imageview);

                    img.setImageResource(R.drawable.pic1);
                    Button next = (Button) findViewById(R.id.next);
                    s = "Next";
                    next.setText(s);
                }
            }
        });
    }
}
```

activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="fill_parent"
    android:layout_height="fill_parent">
    <ImageView
        android:id="@+id/imageview"
        android:layout_width="fill_parent"
        android:layout_height="fill_parent"
        android:scaleType="fitCenter"
        android:src="@drawable/piq1" />
    <Button
        android:id="@+id/next"
        android:layout_width="wrap_content"
        android:layout_height="30dp"
        android:layout_marginBottom="15dp"
        android:layout_marginRight="10dp"
        android:layout_gravity="bottom|right"
        android:paddingTop="2dp"
        android:paddingBottom="2dp"
        android:background="@drawable/buttonback"
        android:textColor="#000000"
        android:text="Next" />

</FrameLayout>
```

OUTPUT:

