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Activity_main.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:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity">

    <LinearLayout
        android:layout_width="409dp"
        android:layout_height="729dp"
        android:orientation="vertical"
        tools:layout_editor_absoluteX="1dp"
        tools:layout_editor_absoluteY="1dp">

        <ImageView
            android:id="@+id/imageView"
            android:layout_width="match_parent"
            android:layout_height="333dp"
            tools:srcCompat="@tools:sample/avatars" />

        <Spinner
            android:id="@+id/spinner"
            android:layout_width="match_parent"
            android:layout_height="62dp"
            android:entries="@array/shape" />

        <Button
            android:id="@+id/button"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Click Here" />
    </LinearLayout>
</android.support.constraint.ConstraintLayout>

```

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String.xml
<resources>
    <string name="app_name">ex3</string>
    <string-array name="shape">
        <item>Circle</item>
        <item>Square</item>
        <item>Line</item>
    </string-array>
</resources>

```

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Main_Activity.java
package com.example.ex3;

import android.graphics.Bitmap;
import android.graphics.Canvas;
import android.graphics.Color;
import android.graphics.Paint;
import android.graphics.drawable.BitmapDrawable;
import android.os.Bundle;
import android.support.v7.app.AppCompatActivity;
import android.view.View;
import android.widget.Button;
import android.widget.ImageView;
import android.widget.Spinner;

public class MainActivity extends AppCompatActivity {
    Button b;
    ImageView i;
    Spinner s;
    String st;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        i=(ImageView)findViewById(R.id.imageView);
        b=(Button)findViewById(R.id.button);
        s=(Spinner)findViewById(R.id.spinner);
        Bitmap bg= Bitmap.createBitmap( 720,1280,
Bitmap.Config.ARGB_8888);
        i.setBackgroundDrawable(new BitmapDrawable(bg));
        Canvas c=new Canvas(bg);
        Paint p=new Paint();
        p.setTextSize(30);
        p.setColor(Color.RED);
        b.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                st=s.getSelectedItem().toString();
                if(st.equals("Circle"))
                {
                    c.drawText("Circle",180,160,p);
                    c.drawCircle(200,350,150,p);
                }
                else if(st.equals("Square"))
                {
                    c.drawText("Square",180,160,p);
                    c.drawRect(100,200,400,600,p);
                }
                else
                {
                    c.drawText("Line",180,160,p);
                    c.drawLine(100,200,150,250,p);
                }
            }
        });
    }
}

```

OUTPUT

