MainActivity.java

package com.example.shapes;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Context;  
import android.graphics.Canvas;  
import android.graphics.Color;  
import android.graphics.Paint;  
import android.os.Bundle;  
import android.view.View;  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(new myview(this));  
 }  
 private class myview extends View  
 {  
 public myview(Context context){  
 super(context);  
 }  
 @Override  
 protected void onDraw(Canvas canvas){  
 super.onDraw(canvas);  
 Paint paint=new Paint();  
 paint.setTextSize(40);  
 paint.setColor(Color.*BLUE*);  
 canvas.drawText("Circle",55,30,paint);  
 paint.setColor(Color.*RED*);  
 canvas.drawCircle(100,150,100,paint);  
 paint.setColor(Color.*GREEN*);  
 canvas.drawText("Rectangle",255,30,paint);  
 paint.setColor(Color.*YELLOW*);  
 canvas.drawRect(250,50,400,350,paint);  
 paint.setColor(Color.*GRAY*);  
 canvas.drawText("Square",55,430,paint);  
 paint.setColor(Color.*BLACK*);  
 canvas.drawRect(50,450,150,550,paint);  
 paint.setColor(Color.*BLUE*);  
 canvas.drawText("Line",255,430,paint);  
 paint.setColor(Color.*CYAN*);  
 canvas.drawLine(250,600,350,500,paint);  
 }  
 }  
}