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File - C:\android\AndroidStudioProjects\Dots-step-2\app\src\main\java\edu\illinois\cs498\dots\Dots\Diev.java
 package edu.illinois.cs498.dots;
 import android.content.Context;
 import android.graphics.Bitmap;
 import android.graphics.Canvas;
 import android.graphics.Paint;
 import android.util.AttributeSet;
 import android.util.Log;
 import android.view.MotionEvent;
 import android.view.View;
 /**
  * Created by Administrator on 2/12/2016.
  * /
 public class DotsView extends View implements View.OnTouchListener {
     private Paint mPaint;
     private Bitmap mBitmap;
     private Canvas mCanvas;
     private int dotRadius;
     public DotsView(Context context) {
         super(context);
         initDotsView();
     public DotsView(Context context, AttributeSet attrs) {
         super(context, attrs);
         initDotsView();
     }
     public DotsView(Context context, AttributeSet attrs, int defStyleAttr) {
         super(context, attrs, defStyleAttr);
         initDotsView();
     }
     public DotsView(Context context, AttributeSet attrs, int defStyleAttr,
 int defStyleRes) {
         super(context, attrs, defStyleAttr, defStyleRes);
         initDotsView();
     }
     private void initDotsView() {
         mPaint = new Paint();
         dotRadius = 10;
         //setOnTouchListener(this);
      }
     @Override
     protected void onSizeChanged(int w, int h, int oldw, int oldh) {
         super.onSizeChanged(w, h, oldw, oldh);
         mBitmap = Bitmap.createBitmap(w, h, Bitmap.Config.ARGB_8888);
         mCanvas = new Canvas(mBitmap);
     }
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@Override
   protected void onDraw(Canvas canvas) {
        canvas.drawBitmap(mBitmap, 0, 0, mPaint);
   public boolean onTouchEvent(MotionEvent event) {
        // Log.d("DEBUG", "Receiving touch event");
       int action = event.getAction();
        float x = event.getX();
        float y = event.getY();
        switch (action) {
            case MotionEvent.ACTION_DOWN:
                mCanvas.drawCircle(x, y, dotRadius, mPaint);
                invalidate();
                break;
            default:
               break;
       return true;
}
```