```
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.view.View;
/**
 * Created by Administrator on 2/12/2016.
public class DotsView extends View {
    private Paint mPaint;
   private Bitmap mBitmap;
   private Canvas mCanvas;
    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();
     }
    @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);
    }
    @Override
    protected void onDraw(Canvas canvas) {
        canvas.drawBitmap(mBitmap, 0, 0, mPaint);
```

}

</LinearLayout>