

```
package com.example.drawaline;
```



```
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.MotionEvent;  
import android.view.View;
```

```
public class MainActivity extends  
AppCompatActivity {
```

```
@Override
```

```
protected void onCreate(Bundle  
savedInstanceState) {  
    super.onCreate(savedInstanceState);  
    setContentView(new myView(this));  
}
```

```
public class myView extends View {  
    public myView(Context context){  
        super(context);  
    }  
}
```

```
float x1=0,x2, y1=0,y2;
```

```
@Override
```

```
protected void onDraw(Canvas canvas) {
```

```
    super.onDraw(canvas);
```

```
    Paint paint = new Paint(0);
```

```
    paint.setColor(Color.GREEN);
```

```
    paint.setStrokeWidth(20);
```

```
    canvas.drawLine(x1, y1, x2, y2, paint);
```

```
}
```

```
public boolean onTouchEvent(MotionEvent  
event){
```

```
    x1 = x2;
```

```
    y1 = y2;
```

```
    x2 = event.getX();
```

```
    y2 = event.getY();
```

```
    this.invalidate();
```

```
    return super.onTouchEvent(event);
```

```
}
```

```
}
```

```
}
```