-------------------------------Shapes---------------------

```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
{
```

```java
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.BLACK);
canvas.drawText("Circle",55,30,paint);
paint.setColor(Color.GREEN);
canvas.drawCircle( 100, 150, 100, paint);

paint.setColor(Color.BLACK);
canvas.drawText("Rectangle",255,30,paint);
paint.setColor(Color.BLUE);
canvas.drawRect(250, 50, 400, 350,paint);

paint.setColor(Color.BLACK);
canvas.drawText("Square",55,430,paint);
paint.setColor(Color.CYAN);
canvas.drawRect(50, 450, 150, 550,paint);
```

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

canvas.drawText("Line",255,430,paint);

paint.setColor(Color.RED);

paint.setStrokeWidth(10);

canvas.drawLine(250, 500, 550, 500,paint);


}

}

}
```