Nombre: **Gary Omar Nova Mamani**

POKER

LAYOUT (Vista)

```java
package com.example.juegopocker;

import java.util.ArrayList;

import android.R.bool;
import android.os.Bundle;
import android.support.v7.app.ActionBarActivity;
import android.util.Log;
import android.view.Menu;
import android.view.MenuItem;
import android.view.View;
import android.widget.ImageView;
import android.widget.TextView;

public class MainActivity extends ActionBarActivity {

    int CartasCoronas[] =
{R.drawable.cor1,R.drawable.cor2,R.drawable.cor3,R.drawabl
e.cor4,R.drawable.cor5,R.drawable.cor6,R.drawable.cor7,R.dr
awable.cor8,R.drawable.cor9,R.drawable.cor10,R.drawable.c
or11,R.drawable.cor12,R.drawable.cor13};
    int CartasEspadas[] =
{R.drawable.esp1,R.drawable.esp2,R.drawable.esp3,R.drawa
ble.esp4,R.drawable.esp5,R.drawable.esp6,R.drawable.esp7,
R.drawable.esp8,R.drawable.esp9,R.drawable.esp10,R.drawa
ble.esp11,R.drawable.esp12,R.drawable.esp13};
```

```java
    int CartasRombo[] =
{R.drawable.rom1,R.drawable.rom2,R.drawable.rom3,R.drawable.rom4,R.drawable.rom5,R.drawable.rom6,R.drawable.rom7,R.drawable.rom8,R.drawable.rom9,R.drawable.rom10,R.drawable.rom11,R.drawable.rom12,R.drawable.rom13};
    int CartasTrebol[] =
{R.drawable.tre1,R.drawable.tre2,R.drawable.tre3,R.drawable.tre4,R.drawable.tre5,R.drawable.tre6,R.drawable.tre7,R.drawable.tre8,R.drawable.tre9,R.drawable.tre10,R.drawable.tre11,R.drawable.tre12,R.drawable.tre13};

    int Allcarts[] =
{R.drawable.cor1,R.drawable.cor2,R.drawable.cor3,R.drawable.cor4,R.drawable.cor5,R.drawable.cor6,R.drawable.cor7,R.drawable.cor8,R.drawable.cor9,R.drawable.cor10,R.drawable.cor11,R.drawable.cor12,R.drawable.cor13,

R.drawable.esp1,R.drawable.esp2,R.drawable.esp3,R.drawable.esp4,R.drawable.esp5,R.drawable.esp6,R.drawable.esp7,R.drawable.esp8,R.drawable.esp9,R.drawable.esp10,R.drawable.esp11,R.drawable.esp12,R.drawable.esp13,

R.drawable.rom1,R.drawable.rom2,R.drawable.rom3,R.drawable.rom4,R.drawable.rom5,R.drawable.rom6,R.drawable.rom7,R.drawable.rom8,R.drawable.rom9,R.drawable.rom10,R.drawable.rom11,R.drawable.rom12,R.drawable.rom13,

R.drawable.tre1,R.drawable.tre2,R.drawable.tre3,R.drawable.tre4,R.drawable.tre5,R.drawable.tre6,R.drawable.tre7,R.drawa
```

```java
ble.tre8,R.drawable.tre9,R.drawable.tre10,R.drawable.tre11,R.
drawable.tre12,R.drawable.tre13};

    String NameCards[] =
{"2C","3C","4C","5C","6C","7C","8C","9C","10C","JC","QC","
KC","AC",

"2E","3E","4E","5E","6E","7E","8E","9E","10E","JE","QE","K
E","AE",

"2R","3R","4R","5R","6R","7R","8R","9R","10R","JR","QR","
KR","AR",

"2T","3T","4T","5T","6T","7T","8T","9T","10T","JT","QT","KT
","AT",};
  @Override
  protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);

  }


  public void jugar(View Vista){


    TextView juego = (TextView)
findViewById(R.id.textView1);
```

```java
        // Cartas del jugador
        ImageView im1 = (ImageView)
findViewById(R.id.imageView1);
        ImageView im2 = (ImageView)
findViewById(R.id.imageView2);
        ImageView im3 = (ImageView)
findViewById(R.id.imageView3);

        // Cartas de la Mesa
        ImageView imM1 = (ImageView)
findViewById(R.id.imageView4);
        ImageView imM2 = (ImageView)
findViewById(R.id.imageView5);
        ImageView imM3 = (ImageView)
findViewById(R.id.ImageView01);
        ImageView imM4 = (ImageView)
findViewById(R.id.ImageView02);
        ImageView imM5 = (ImageView)
findViewById(R.id.ImageView03);


        ArrayList<Integer> posCards = new
ArrayList<Integer>();
        for (int i = 0; i < 8; i++) {
            int aleatorio = -1;
          boolean generado = false;
          while (!generado) {
            int posible = (int) (Math.random()*51);
            if (!posCards.contains(posible)) {
              posCards.add(posible);
```

```java
            aleatorio = posible;
            generado = true;
            Log.i("Numero aleatorio", aleatorio+"");
        }
    }
    //usa el valor de aleatorio...
        }



juego.setText(NameCards[posCards.get(0)]+" "+
        NameCards[posCards.get(1)]+" "+
        NameCards[posCards.get(2)]+" "+
        NameCards[posCards.get(3)]+" "+
        NameCards[posCards.get(4)]+" "+
        NameCards[posCards.get(5)]+" "+
        NameCards[posCards.get(6)]+" "+
        NameCards[posCards.get(7)]+"");

im1.setImageResource(Allcarts[posCards.get(0)]);
im2.setImageResource(Allcarts[posCards.get(1)]);
im3.setImageResource(Allcarts[posCards.get(2)]);
imM1.setImageResource(Allcarts[posCards.get(3)]);
imM2.setImageResource(Allcarts[posCards.get(4)]);
imM3.setImageResource(Allcarts[posCards.get(5)]);
imM4.setImageResource(Allcarts[posCards.get(6)]);
imM5.setImageResource(Allcarts[posCards.get(7)]);
```

```java
    }

    public void verificaColor(){

    }


    @Override
    public boolean onCreateOptionsMenu(Menu menu) {
        // Inflate the menu; this adds items to the action bar if it is present.
        getMenuInflater().inflate(R.menu.main, menu);
        return true;
    }

    @Override
    public boolean onOptionsItemSelected(MenuItem item) {
        // Handle action bar item clicks here. The action bar will
        // automatically handle clicks on the Home/Up button, so long
        // as you specify a parent activity in AndroidManifest.xml.
        int id = item.getItemId();
        if (id == R.id.action_settings) {
            return true;
        }
        return super.onOptionsItemSelected(item);
    }
```

```
}
```

ACTIVITY (Controlador)

```java
package com.example.juegopocker;

import java.util.ArrayList;

import android.R.bool;
import android.os.Bundle;
import android.support.v7.app.ActionBarActivity;
import android.util.Log;
import android.view.Menu;
import android.view.MenuItem;
import android.view.View;
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    int CartasRombo[] =
{R.drawable.rom1,R.drawable.rom2,R.drawable.rom3,R.drawable.rom4,R.drawable.rom5,R.drawable.rom6,R.drawable.rom7,R.drawable.rom8,R.drawable.rom9,R.drawable.rom10,R.drawable.rom11,R.drawable.rom12,R.drawable.rom13};
    int CartasTrebol[] =
{R.drawable.tre1,R.drawable.tre2,R.drawable.tre3,R.drawable.tre4,R.drawable.tre5,R.drawable.tre6,R.drawable.tre7,R.drawable.tre8,R.drawable.tre9,R.drawable.tre10,R.drawable.tre11,R.drawable.tre12,R.drawable.tre13};

    int Allcarts[] =
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R.drawable.esp1,R.drawable.esp2,R.drawable.esp3,R.drawable.esp4,R.drawable.esp5,R.drawable.esp6,R.drawable.esp7,R.drawable.esp8,R.drawable.esp9,R.drawable.esp10,R.drawable.esp11,R.drawable.esp12,R.drawable.esp13,
```

```java
R.drawable.rom1,R.drawable.rom2,R.drawable.rom3,R.drawable.rom4,R.drawable.rom5,R.drawable.rom6,R.drawable.rom7,R.drawable.rom8,R.drawable.rom9,R.drawable.rom10,R.drawable.rom11,R.drawable.rom12,R.drawable.rom13,

R.drawable.tre1,R.drawable.tre2,R.drawable.tre3,R.drawable.tre4,R.drawable.tre5,R.drawable.tre6,R.drawable.tre7,R.drawable.tre8,R.drawable.tre9,R.drawable.tre10,R.drawable.tre11,R.drawable.tre12,R.drawable.tre13};

    String NameCards[] = {"2C","3C","4C","5C","6C","7C","8C","9C","10C","JC","QC","KC","AC",

"2E","3E","4E","5E","6E","7E","8E","9E","10E","JE","QE","KE","AE",

"2R","3R","4R","5R","6R","7R","8R","9R","10R","JR","QR","KR","AR",

"2T","3T","4T","5T","6T","7T","8T","9T","10T","JT","QT","KT","AT",};
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

    }
```

```java
public void jugar(View Vista){


    TextView juego = (TextView)
findViewById(R.id.textView1);
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    ImageView im3 = (ImageView)
findViewById(R.id.imageView3);

    // Cartas de la Mesa
    ImageView imM1 = (ImageView)
findViewById(R.id.imageView4);
    ImageView imM2 = (ImageView)
findViewById(R.id.imageView5);
    ImageView imM3 = (ImageView)
findViewById(R.id.ImageView01);
    ImageView imM4 = (ImageView)
findViewById(R.id.ImageView02);
    ImageView imM5 = (ImageView)
findViewById(R.id.ImageView03);
```

```java
        ArrayList<Integer> posCards = new
ArrayList<Integer>();
     for (int i = 0; i < 8; i++) {
         int aleatorio = -1;
      boolean generado = false;
      while (!generado) {
         int posible = (int) (Math.random()*51);
         if (!posCards.contains(posible)) {
            posCards.add(posible);
            aleatorio = posible;
            generado = true;
            Log.i("Numero aleatorio", aleatorio+"");
         }
      }
      //usa el valor de aleatorio...
         }



     juego.setText(NameCards[posCards.get(0)]+" "+
            NameCards[posCards.get(1)]+" "+
            NameCards[posCards.get(2)]+" "+
            NameCards[posCards.get(3)]+" "+
            NameCards[posCards.get(4)]+" "+
            NameCards[posCards.get(5)]+" "+
            NameCards[posCards.get(6)]+" "+
            NameCards[posCards.get(7)]+"");

     im1.setImageResource(Allcarts[posCards.get(0)]);
```

```java
        im2.setImageResource(Allcarts[posCards.get(1)]);
        im3.setImageResource(Allcarts[posCards.get(2)]);
        imM1.setImageResource(Allcarts[posCards.get(3)]);
        imM2.setImageResource(Allcarts[posCards.get(4)]);
        imM3.setImageResource(Allcarts[posCards.get(5)]);
        imM4.setImageResource(Allcarts[posCards.get(6)]);
        imM5.setImageResource(Allcarts[posCards.get(7)]);



    }

    public void verificaColor(){

    }


    @Override
    public boolean onCreateOptionsMenu(Menu menu) {
        // Inflate the menu; this adds items to the action bar
if it is present.
        getMenuInflater().inflate(R.menu.main, menu);
        return true;
    }

    @Override
    public boolean onOptionsItemSelected(MenuItem
item) {
```

```java
        // Handle action bar item clicks here. The action bar will
        // automatically handle clicks on the Home/Up button, so long
        // as you specify a parent activity in AndroidManifest.xml.
        int id = item.getItemId();
        if (id == R.id.action_settings) {
            return true;
        }
        return super.onOptionsItemSelected(item);
    }


}
```

EJECUCIONES

JuegoPocker

Jugar

QT 6C 3E AC 10R 2R 4T

JuegoPocker

Jugar

'C QR JT KT 6E 3C 10E 8R