## DEFENZA DEL EXAMEN HITO4

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## PARTE 1 DISEÑO Y EMVIO ACTIVITY

- I.- Crear una carpeta con el number "Adapter" dentro crear las clases RVAdapter y el viewHolder
- 2.- Implementaremos las iguientes librerias

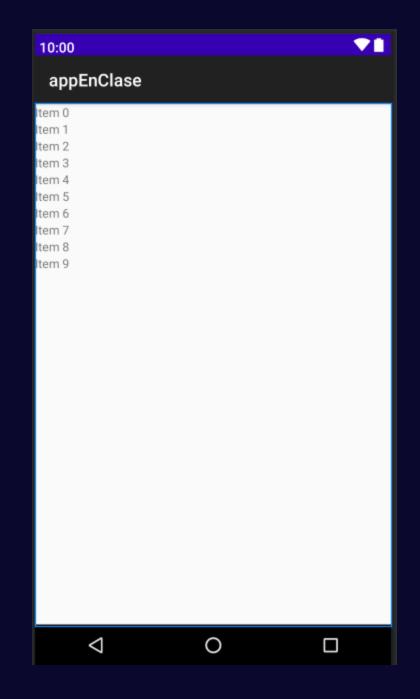
```
//recyclerview
implementation 'com.android.support:preference-v7:29.0.0'

//glyde for images
implementation 'com.github.bumptech.glide:glide:4.11.0'
annotationProcessor 'com.github.bumptech.glide:compiler:4.11.0'

//Circle ImageView
implementation 'de.hdodenhof:circleimageview:3.1.0
```

## Dentro del activity\_main.xml

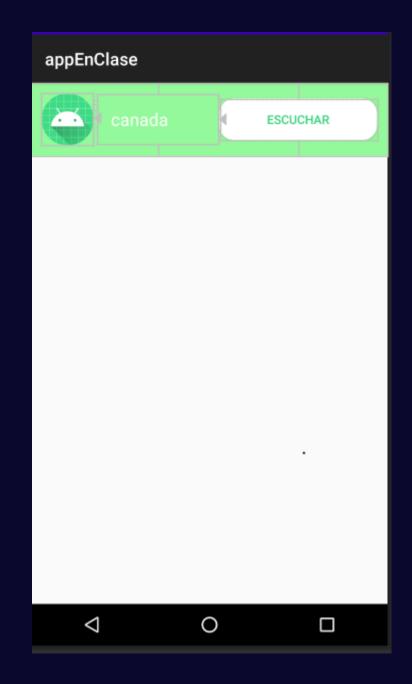
```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
xmlns:android="http://schemas.android.com/apk/res
/android"
xmlns:app="http://schemas.android.com/apk/res-
auto"
xmlns:tools="http://schemas.android.com/tools"
    android:layout width="match parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity">
   <androidx.recyclerview.widget.RecyclerView</pre>
       android:id="@+id/rvContainer"
       android:layout_width="match_parent"
       android:layout_height="match_parent">
  </androidx.recyclerview.widget.RecyclerView>
</RelativeLayout>
```



Para el diseño del botón creamos un nuevo drawable resourse file con el nombre de "cajas"

## Dentro del la carpeta layout crearemos un nuevo layout resource file con el nombre de "rl\_list\_item.xml" y empesaremos con el diseno

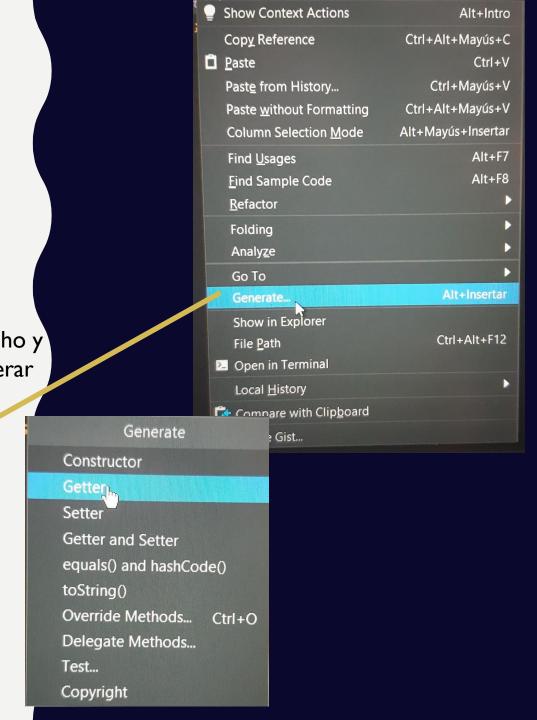
```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"</pre>
   android:id="@+id/rlListItem"
   android:layout width="match parent"
   android:layout height="wrap content"
   android:background="@color/verdeclaro"
   android:padding="12dp">
   <de.hdodenhof.circleimageview.CircleImageView
        android:id="@+id/civItem"
        android:layout width="60dp"
        android:layout height="60dp"
        android:src="@mipmap/ic_launcher"/>
   <TextView
        android:id="@+id/tvImage"
        android:layout width="140dp"
        android:layout height="wrap content"
        android:text="@string/canada"
        android:layout marginStart="5dp"
        android:layout_toEndOf="@+id/civItem"
        android:layout centerVertical="true"
        android:padding="15dp"
        android:textColor="@color/blanco"
        android:textSize="20sp"/>
   <Button
        android:id="@+id/btplay"
        android:layout width="match parent"
        android:layout_height="wrap_content"
        android:text="@string/escuchar"
        android:background="@drawable/cajas"
        android:layout toEndOf="@id/tvImage"
        android:layout centerVertical="true"
        android:textColor="@color/verdefuerte"
</RelativeLayout>
```



La clase ViewHolder es la accedera a nuestros componentes, a nuestr imagen t al texto, entonces dentro de esta clase pondremos.

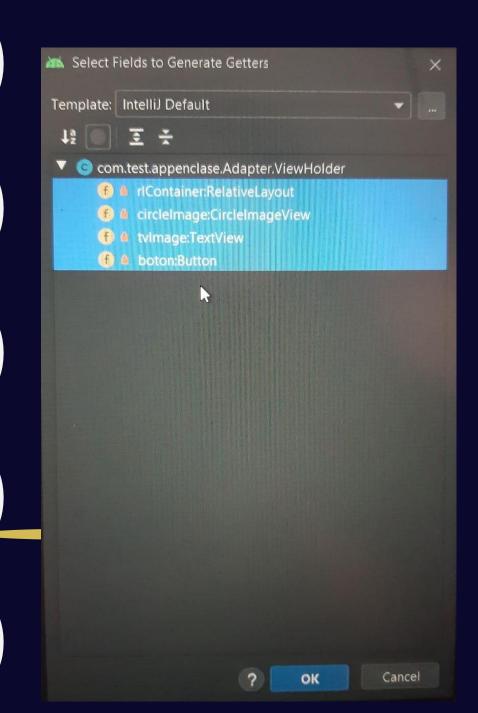
```
public class ViewHolder extends
RecyclerView.ViewHolder
    private RelativeLayout rlContainer;
    private CircleImageView circleImage;
   private TextView tvImage;
   private Button boton;
    private void initComponents(View itemView)
                                              Hacer click derecho y
       rlContainer =
                                             presionar en generar
itemView.findViewById(R.id.rlListItem);
       circleImage =
itemView.findViewById(R.id.civItem);
       tvImage = itemView.findViewById(R.id.tvImage);
       boton=itemView.findViewById(R.id.btplay);
```

Precionar en getter y seleccionas



## De esta forma se generaran los getter

```
public class ViewHolder extends RecyclerView.ViewHolder
{//clase k accede a nuestro componente
                                          a la imagen y al
texto
    private RelativeLayout rlContainer;
    private CircleImageView circleImage;
    private TextView tvImage;
    private Button boton;
    private void initComponents(View itemView)
        rlContainer = itemView.findViewById(R.id.rlListItem);
        circleImage = itemView.findViewById(R.id.civItem);
        tvImage = itemView.findViewById(R.id.tvImage);
        boton=itemView.findViewById(R.id.btplay);
    public ViewHolder(@NonNull View itemView)
        super(itemView);
        initComponents(itemView);
    public Button getBoton() {
        return boton;
    public CircleImageView getCircleImage() {
        return circleImage;
    public RelativeLayout getRlContainer() {
        return rlContainer;
    public TextView getTvImage() { return tvImage;
```



## Dentro del Main\_Activity.java pondremos

```
public class MainActivity extends AppCompatActivity
private RecyclerView recyclerView;
private RVAdapter rvAdapter;
private ArrayList<String> imagesName = new ArrayList<>();
private ArrayList<String> imagesURL = new ArrayList<>();
private final String imgURL =
"V40gA40,yB3d2qH,9jMbaX2,rYndmdq,sypYnSP,HBeK1ot,YCqbt8r,eLk31XX,XzffKgy,4ZHp7F0,DJabk5C,
XzffKgy";
private final String imgNam = "Playist 1,Playist 2,Playist 3,Playist 4,Playist 5,Playist
6, Playist 7, Playist 8, Playist 9, Playist 10, Playist 11, Playist 12";
    @Override
    protected void onCreate(Bundle savedInstanceState)
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity main);
        initImageBitMaps();
        initRecyclerView();
    public void initImageBitMaps()
        imagesURL.addAll(Arrays.asList(imgURL.split(",")));
        imagesName.addAll(Arrays.asList(imgNam.split(",")));
```

almacenamos todos los nombres de las imagenes en una sola variable imgURL y imgnam

Agregamos dentro del array las imagenes y sus nombres

## Dentro del RVAdapter

```
public class RVAdapter extends RecyclerView.Adapter<ViewHolder>
   private static final String TAG = "RVAdapter";
   private Context context;
   private ArrayList<String> imageNames = new ArrayList<>();
   private ArrayList<String> imagesURI = new ArrayList<>();
public RVAdapter(Context context, ArrayList<String> imageNames, ArrayList<String> imagesURI)
            this.context = context;
       this.imageNames = imageNames;
       this.imagesURI = imagesURI; }
   @Override
public ViewHolder onCreateViewHolder(ViewGroup viewGroup, int viewType)
{ View view = LayoutInflater.from(viewGroup.getContext()).inflate(R.layout.rl list item, viewGroup, false);
       ViewHolder vHolder = new ViewHolder(view);
       return vHolder;
   @Override
   public void onBindViewHolder(@NonNull ViewHolder holder, final int position)
       String URI = "https://i.imgur.com/"; Glide.with(context).asBitmap().load(URI+imagesURI.get(position) + ".png")
       holder.getTvImage().setText(imageNames.get(position));
        holder.getTvImage().setOnClickListener(new View.OnClickListener() {
           @Override
           public void onClick(View v) {
    Toast.makeText(context, "my "+imageNames.get(position), Toast.LENGTH SHORT).show();
           } });
   @Override
   public int getItemCount() { //determina cuantos elementos tendra el listado
       return imageNames.size();
```

## Dentro del Activity\_main.java aumentaremos

```
public class MainActivity extends AppCompatActivity
   private RecyclerView recyclerView;
   private RVAdapter rvAdapter;
   private ArrayList<String> imagesName = new ArrayList<>();
   private ArrayList<String> imagesURL = new ArrayList<>();
   //almacenamos todos los nombres de las imagenes en una sola variable imgURL y imgnam
   private final String imgURL = "V40gA40,yB3d2qH,9jMbaX2,rYndmdq,sypYnSP,HBeK1ot,YCqbt8r,eLk31XX,XzffKgy,4ZHp7F0,DJabk5C,XzffKgy"
   private final String imgNam = "Playist 1,Playist 2,Playist 3,Playist 4,Playist 5,Playist 6,Playist 7,Playist 8, Playist 9,Playi
11, Playist 12";
   @Override
   protected void onCreate(Bundle savedInstanceState)
   {...}
   public void initImageBitMaps()
   {...}
   public void initRecyclerView()
       recyclerView = findViewById(R.id.rvContainer);
                                                                         Aumentamos
       rvAdapter = new RVAdapter(this, imagesName, imagesURL);
       recyclerView.setAdapter(rvAdapter);
       recyclerView.setLayoutManager(new LinearLayoutManager(this));
```

## Dentro del RVAdapter para el cambio a otra pestana

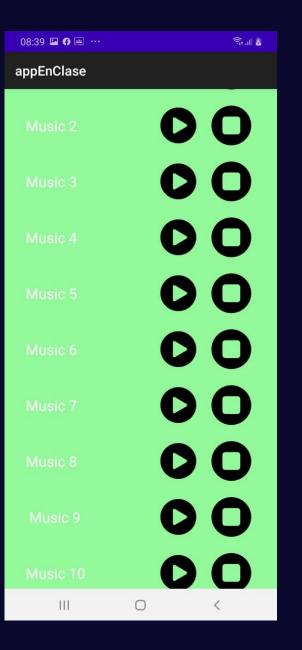
public int getItemCount() {...}

```
public class RVAdapter extends RecyclerView.Adapter<ViewHolder>
    private static final String TAG = "RVAdapter";
    private Context context;
   private ArrayList<String> imageNames = new ArrayList<>();
   private ArrayList<String> imagesURI = new ArrayList<>();
    public RVAdapter(Context context, ArrayList<String> imageNames, ArrayList<String> imagesURI)
    {...}
   @Override
    public ViewHolder onCreateViewHolder(ViewGroup viewGroup, int viewType)
    {...}
   @Override
    public void onBindViewHolder(@NonNull ViewHolder holder, final int position)
       String URI = "https://i.imgur.com/";
       Glide.with(context).asBitmap().load(URI + imagesURI.get(position) + ".png").into(holder.getCircleImage());
        holder.getTvImage().setText(imageNames.get(position));
        holder.getTvImage().setOnClickListener(new View.OnClickListener() {
           @Override
           public void onClick(View v) {
               Toast.makeText(context, "my "+imageNames.get(position), Toast.LENGTH SHORT).show();
           } });
        holder.getBoton().setOnClickListener(new View.OnClickListener() {
           @Override
                                                                                           Aumentamos
           public void onClick(View v) {
               Intent inn = new Intent(context,PLAY1 P.class
                                                                     );
               context.startActivity(inn);
                });
   @Override
```

## Resultado de la primera parte







# PARTE 2 DISEÑO Y FUNCIONALIDAD DE LOS MENSAJES

## Dentro de play I.xml trabajaremos con el diseno

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
xmlns:android="http://schemas.android.com/apk/res/android"
android:id="@+id/rlListItemplay"
android:layout width="match parent"
android:layout height="wrap content"
android:background="@color/verdeclaro"
android:padding="12dp">
<TextView
   android:id="@+id/tvImage1"
   android:layout width="240dp"
   android:layout height="wrap content"
   android:text="@string/canada"
   android:layout marginStart="5dp"
   android:layout centerVertical="true"
   android:padding="15dp"
   android:textColor="@color/blanco"
   android:textSize="20sp"/>
       <de.hdodenhof.circleimageview.CircleImageView
        android:id="@+id/reproducir"
        android:layout width="60dp"
        android:layout height="60dp"
        android:layout marginLeft="220dp"
        android:src="@mipmap/ic launcher"
       <de.hdodenhof.circleimageview.CircleImageView
        android:id="@+id/pausa"
        android:layout width="60dp"
        android:layout height="60dp"
        android:src="@mipmap/ic launcher"
        android:layout marginLeft="220dp"
        <de.hdodenhof.circleimageview.CircleImageView
        android:id="@+id/apagar"
        android:layout width="60dp"
        android:layout_height="60dp"
        android:src="@mipmap/ic launcher"
        android:layout marginLeft="300dp"
</RelativeLayout>
```



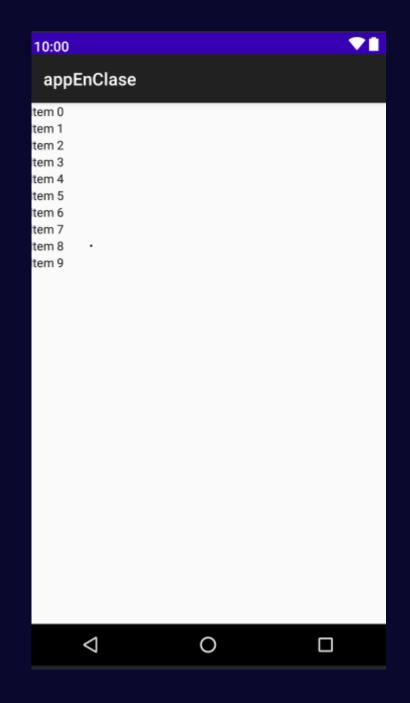
0

I.- Crear una carpeta con el number "carpetaplay" dentro crear las clases RVAdapter\_paly I y el viewHolderplay y un Nuevo empty\_activity con el nombre "PLAY\_I".

Dentro del layout creacremos un Nuevo Layout resource file con el nombre de " paly I"

## Dentro del Activity\_p\_l\_a\_y\_l.xml pondremos el contenedor de la

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:tools="http://schemas.android.com/tools"
android:layout width="match parent"
android:layout height="match parent"
tools:context=".carpetaplay.PLAY1 P">
<androidx.recyclerview.widget.RecyclerView</pre>
    android:id="@+id/rvContainerREPRODUCIR"
    android:layout width="match_parent"
    android:layout height="match parent">
</androidx.recyclerview.widget.RecyclerView>
    <androidx.recyclerview.widget.RecyclerView</pre>
        android:id="@+id/rvContainerPAUSA"
        android:layout width="match parent"
        android:layout height="match parent">
</androidx.recyclerview.widget.RecyclerView>
    <androidx.recyclerview.widget.RecyclerView</pre>
        android:id="@+id/rvContainerAPAGAR"
        android:layout width="match parent"
        android:layout height="match parent">
</androidx.recyclerview.widget.RecyclerView>
</RelativeLavout>
```

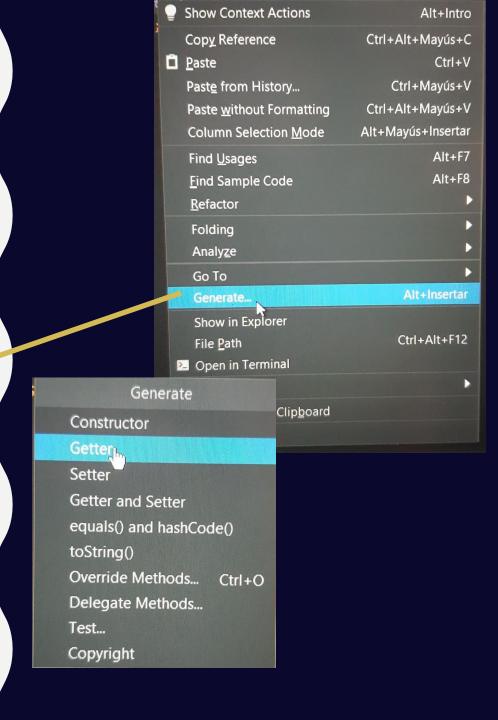


## Dentro del viewholderplay.java

```
public class viewholdeplay extends RecyclerView.ViewHolder{
   private RelativeLayout rlContainer;
   private CircleImageView circleImage1;
   private CircleImageView circleImage2;
   private CircleImageView circleImage3;
                                                          Hacer click derecho y
   private TextView tvImage1;
                                                          presionar en generar
   private void initComponents(View itemView)
       rlContainer =
itemView.findViewById(R.id.rlListItemplay);
        circleImage1 = itemView.findViewById(R.id.reproducir);
        circleImage2 = itemView.findViewById(R.id.pausa);
        circleImage3 = itemView.findViewById(R.id.apagar);
       tvImage1= itemView.findViewById(R.id.tvImage1);
```

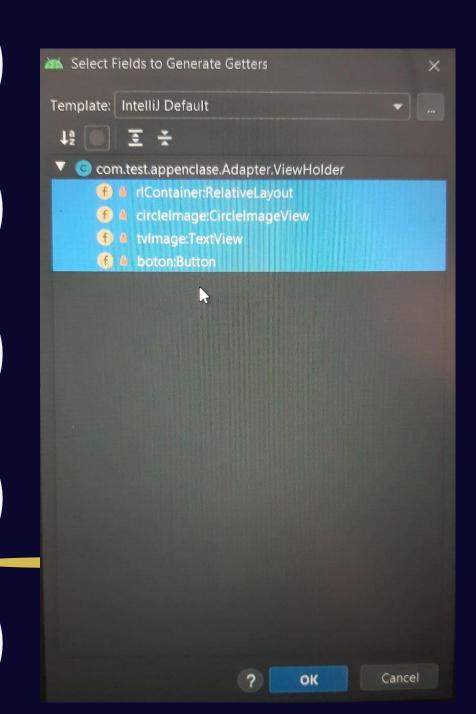
Precionar en getter y

seleccionas



## Le agregaremos

```
public class viewholdeplay extends RecyclerView.ViewHolder{
   private RelativeLayout rlContainer;
   private CircleImageView circleImage1;
   private CircleImageView circleImage2;
   private CircleImageView circleImage3;
   private TextView tvImage1;
   private void initComponents(View itemView)
       rlContainer = itemView.findViewById(R.id.rlListItemplay);
       circleImage1 = itemView.findViewById(R.id.reproducir);
       circleImage2 = itemView.findViewById(R.id.pausa);
       circleImage3 = itemView.findViewById(R.id.apagar);
       tvImage1= itemView.findViewById(R.id.tvImage1);
   public viewholdeplay(@NonNull View itemView) {
       super(itemView);
       initComponents(itemView);
   public RelativeLayout getRlContainer() {    return rlContainer;
   public CircleImageView getCircleImage1() {
                                                  return circleImage1;
   public CircleImageView getCircleImage2() {
                                                 return circleImage2;
   public CircleImageView getCircleImage3() {    return circleImage3;
   public TextView getTvImage1() {
                                         return tvImage1;
```



## Dentro del PLAY I\_P.java pondremos

```
public class PLAY1 P extends AppCompatActivity {
          private RecyclerView recyclerView1, recyclerView2, recyclerView3;
          private RVAdapter play1 rvAdapterPlay1;
          private ArrayList<String> imagesName = new ArrayList<>();
          private ArrayList<String> imagesURLPLAY = new ArrayList<>();
          private ArrayList<String> imagesURLPAUSA = new ArrayList<>();
          private ArrayList<String> imagesURLAPAGAR = new ArrayList<>();
          2Nat0RQ,59AoTWq,59AoTWq,59AoTWq,59AoTWq,59AoTWq,59AoTWq,59AoTWq,59AoTWq,
59AoTWa,59AoTWa";
          private final String imagesurlPAUSA
="2Nat0RQ, 2Nat0RQ, 2Nat0RQ
Q,2Nat0RQ,2Nat0RQ";
          private final String imagesurlAPAGAR
="LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJdlQe,LJdlQe,LJdlQe,LJdlQe,LJdlQe,LJdlQe,LJdlQe,LJdlQe,LJdlQe,LJdlQe,LJdlQe,LJdlQe,LdlQe,LdlQe,LdlQe,LdlQe,LdlQe,LdlQe,LdlQe,LdlQe,LdlQe,LdlQe,LdlQe,LdlQe,LdlQe,LdlQe,LdlQe,LdlQe,LdlQe,LdlQe,LdlQe,LdlQe,LdlQe,LdlQe,LdlQe,LdlQe,LdlQe,LdlQe,LdlQe,LdlQe,LdlQe,Ld
e,LJjdlQe,LJjdlQe";
          private final String imagesNameee = "Music 1,Music 2,Music 3,Music 4,Music
5, Music 6, Music 7, Music 8, Music 9, Music 10, Music 11, Music 12";
          @Override
          protected void onCreate(Bundle savedInstanceState)
                   super.onCreate(savedInstanceState);
                   setContentView(R.layout.activity p l a y1 p);
                   initImageBitMaps();
                   initRecyclerView();
          public void initImageBitMaps()
                   imagesURLPLAY.addAll(Arrays.asList(imagesurlPLAY.split(",")));
                   imagesURLPAUSA.addAll(Arrays.asList(imagesurlPAUSA.split(",")));
                   imagesURLAPAGAR.addAll(Arrays.asList(imagesurlAPAGAR.split(",")));
                   imagesName.addAll(Arrays.asList(imagesNameee.split(",")));
```

almacenamos todos los nombres de las imagenes en una sola variable imgURL y imgnam

Agregamos dentro del array las imagenes y sus nombres

## Dentro del RVAdapter

```
public class RVAdapter play1 extends RecyclerView.Adapter<viewholdeplay>{
       private static final String TAG = "RVAdapter";
       private boolean EO=false;
        private Context context;
        private ArrayList<String> imageNames = new ArrayList<>();
        private ArrayList<String> imagesURIplay = new ArrayList<>();
       private ArrayList<String> imagesURIpausa = new ArrayList<>();
       private ArrayList<String> imagesURIapagar = new ArrayList<>();
    public RVAdapter_play1(Context context, ArrayList<String> imageNames, ArrayList<String> imagesURIplay,ArrayList<String>
imagesURIpausa,ArrayList<String>imagesURIapagar)
       this.context = context;
        this.imageNames = imageNames;
        this.imagesURIplay = imagesURIplay;
        this.imagesURIpausa = imagesURIpausa;
        this.imagesURIapagar = imagesURIapagar;
   @Override
    public viewholdeplay onCreateViewHolder(ViewGroup viewGroup, int viewType) {View view = LayoutInflater.from(viewGroup.getContext())
.inflate(R.layout.play1, viewGroup, false);
        viewholdeplay vHolder = new viewholdeplay(view);
        return vHolder; }
   @Override
   public void onBindViewHolder(@NonNull final viewholdeplay holder, int position) {
   String URI = "https://i.imgur.com/";
   Glide.with(context).asBitmap().load(URI + imagesURIplay.get(position) + ".png").into(holder.getCircleImage1());
   holder.getTvImage1().setText(imageNames.get(position));
   Glide.with(context).asBitmap().load(URI + imagesURIpausa.get(position) + ".png").into(holder.getCircleImage2());
   Glide.with(context).asBitmap().load(URI + imagesURIapagar.get(position) + ".png").into(holder.getCircleImage3());
  @Override
    public int getItemCount() {         return imageNames.size();    }
```

Concatenamos los links de las imagene

```
public class RVAdapter play1 extends RecyclerView.Adapter<viewholdeplay>{
      private ArrayList<String> imagesURIapagar = new ArrayList<>();
   public RVAdapter play1(Context context, ArrayList<String> imageNames, ArrayList<String> imagesURIplay,ArrayList<String>
imagesURIpausa, ArrayList<String>imagesURIapagar)
       this.context = context;
       this.imageNames = imageNames;
       this.imagesURIplay = imagesURIplay;
       this.imagesURIpausa = imagesURIpausa;
       this.imagesURIapagar = imagesURIapagar;
   @Override
   public viewholdeplay onCreateViewHolder(ViewGroup viewGroup, int viewType) {View view = LayoutInflater.from(viewGroup.getContext())
.inflate(R.layout.play1, viewGroup, false);
       viewholdeplay vHolder = new viewholdeplay(view);
       return vHolder; }
   @Override
   public void onBindViewHolder(@NonNull final viewholdeplay holder, int position) {
   String URI = "https://i.imgur.com/";
   Glide.with(context).asBitmap().load(URI + imagesURIplay.get(position) + ".png").into(holder.getCircleImage1());
   holder.getTvImage1().setText(imageNames.get(position));
   Glide.with(context).asBitmap().load(URI + imagesURIpausa.get(position) + ".png").into(holder.getCircleImage2());
   Glide.with(context).asBitmap().load(URI + imagesURIapagar.get(position) + ".png").into(holder.getCircleImage3());
       holder.getCircleImage1().setOnClickListener(new View.OnClickListener() {
           @Override
           public void onClick(View v) { Toast.makeText(context,"play music",Toast.LENGTH_SHORT).show();} });
       holder.getCircleImage2().setOnClickListener(new View.OnClickListener() {
           @Override
           public void onClick(View v) { Toast.makeText(context,"pause music",Toast.LENGTH SHORT).show();} });
       holder.getCircleImage3().setOnClickListener(new View.OnClickListener() {
           @Override
           public void onClick(View v) {         Toast.makeText(context, "stop music", Toast.LENGTH_SHORT).show();}});
      @Override
   public int getItemCount() {
                                  return imageNames.size();
```

Para enviar mensajes al hacer click

## En PLAY I\_P.java agregaremos

```
public class PLAY1 P extends AppCompatActivity {
         private RecyclerView recyclerView1, recyclerView2, recyclerView3;
         private RVAdapter play1 rvAdapterPlay1;
         private ArrayList<String> imagesName = new ArrayList<>();
         private ArrayList<String> imagesURLPLAY = new ArrayList<>();
         private ArrayList<String> imagesURLPAUSA = new ArrayList<>();
         private ArrayList<String> imagesURLAPAGAR = new ArrayList<>();
         private final String imagesurlPLAY = "59AoTWq
2Nat0RQ, 59AoTWq, 59AoTWq
         private final String imagesurlPAUSA
="2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat0R0,2Nat
         private final String imagesurlAPAGAR
="LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe,LJjdlQe";
         private final String imagesNameee = "Music 1, Music 2, Music 3, Music 4, Music 5, Music 6, Music 7, Music 8, Music 9, Music 10, Music
11, Music 12";
         @Override
         protected void onCreate(Bundle savedInstanceState)
         {...}
         public void initImageBitMaps()
         {...}
         public void initRecyclerView()
                   recyclerView1 = findViewById(R.id.rvContainerREPRODUCIR);
                   rvAdapterPlay1 = new RVAdapter_play1(this, imagesName, imagesURLPLAY,imagesURLPAUSA,imagesURLAPAGAR);
                   recyclerView1.setAdapter(rvAdapterPlay1);
                   recyclerView1.setLayoutManager(new LinearLayoutManager(this));
```

## PARTE 3 FUNCTION DEL BOTON PLAY Y EL STOP

## En el RVAdapter agregaremos

```
@Override
public void onBindViewHolder(@NonNull final viewholdeplay holder, int position) {
  String URI = "https://i.imgur.com/";
Glide.with(context).asBitmap().load(URI + imagesURIplay.get(position) + ".png").into(holder.getCircleImage1());
holder.getTvImage1().setText(imageNames.get(position));
Glide.with(context).asBitmap().load(URI + imagesURIpausa.get(position) + ".png").into(holder.getCircleImage2());
Glide.with(context).asBitmap().load(URI + imagesURIapagar.get(position) + ".png").into(holder.getCircleImage3());
    holder.getCircleImage2().setVisibility(View.INVISIBLE);
    holder.getCircleImage1().setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
           holder.getCircleImage1().setVisibility(View.INVISIBLE);
            holder.getCircleImage2().setVisibility(View.VISIBLE);
           Toast.makeText(context, "play music", Toast.LENGTH_SHORT).show();
    });
    holder.getCircleImage2().setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
           holder.getCircleImage2().setVisibility(View.INVISIBLE);
            holder.getCircleImage1().setVisibility(View.VISIBLE);
            Toast.makeText(context, "pause music", Toast (FNCTH SUORT) and ow();
    });
    holder.getCircleImage3().setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Toast.makeText(context, "stop music", Toast.LENGTH SHORT).show();
    });
```

Intercalamos la visibilidad de los botones visible e invisible

