

Android Studio Helper

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Google Maps & Permisos & MapView

// Permisos

```
<uses-permission android:name="android.permission.INTERNET"/>
```

```
<uses-permission  
android:name="android.permission.ACCESS_COARSE_LOCATION"/>
```

```
<uses-permission android:name="android.permission.ACCESS_FINE_LOCATION"/>
```

//! Posar dindre de <application>

```
<meta-data
```

```
    android:name="com.google.android.geo.API_KEY"
```

```
    android:value="AlzaSyBB0KizOiZqjB90xyrIC2tiJTsvjYQIVx4" />
```

//On mapView → Override methods

```
mapView.getMapAsync(new OnMapReadyCallback() {
```

```
    //overwrite methods
```

```
});
```

ScrollView

```
<HorizontalScrollView
    android:id="@id/scroll_view"
    android:layout_width="match_parent"
    android:layout_height="200dp"
    android:contentDescription="@string/app_name"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent">
```

```
<LinearLayout
    android:id="@+id/container"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    tools:ignore="ExtraText,VisualLintBounds">
```

```
<ImageView
    android:id="@+id/car1"
    android:layout_width="200dp"
    android:layout_height="wrap_content"
    android:layout_weight="1"
    android:contentDescription="@string/todo"
    android:src="@drawable/car_1" />
```

```
</LinearLayout>
```

```
</HorizontalScrollView>
```

```
//En el codi fer el findByid
```

Splash Activity

És posar una imatge i posar un temporizador

```
Handler handler = new Handler();  
handler.postDelayed(new Runnable() {  
    @Override  
    public void run() {  
        Intent intent = new Intent(getApplicationContext(), LoginActivity.class);  
        startActivity(intent);  
        finish();  
    }  
},2000);
```

ReciclerView Adapter

```
//Adapater
```

```
public class HomeAdapter extends RecyclerView.Adapter<HomeAdapter.ViewHolder>
```

```
{
```

```
    private List<Home> listHomes = new ArrayList<Home>(); //!change the Object
```

```
    public HomeAdapter(List<Home> listHomes)
```

```
{
```

```
        this.listHomes=listHomes;
```

```
}
```

```
@NonNull
```

```
@Override
```

```
    public HomeAdapter.ViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType)
```

```
    { // Create a new view, which defines the UI of the list item
```

```
        View vista =
```

```
        LayoutInflater.from(parent.getContext()).inflate(R.layout.item_home,parent,false);
```

```
        return new ViewHolder(vista) ;
```

```
}
```

```
@Override
```

```
    public void onBindViewHolder(@NonNull HomeAdapter.ViewHolder holder, int position)
```

```
{
```

```
        // items necessaris per poder afegir els objectes
```

```
        String nomHome = listHomes.get(position).getName();
```

```
        Bitmap img = listHomes.get(position).getImg();
```

```
        holder.setData(nomHome,img);
```

```
}
```

```
@Override
```

```
public int getItemCount()
```

```
{
```

```
    return listHomes.size();
```

```
}
```

```
// View Holder
```

```
public static class ViewHolder extends RecyclerView.ViewHolder
```

```
{
```

```
    ImageView homeImg; //!change this
```

```
    TextView textHome; //!change this
```

```
    public ViewHolder(@NonNull View itemView)
```

```
    {
```

```
        super(itemView);
```

```
        homeImg = itemView.findViewById(R.id.logoHome); //! change this
```

```
        textHome = itemView.findViewById(R.id.city); //! change this
```

```
    }
```

```
// Set Data Custom Method
```

```
public void setData(String nomHome, Bitmap img)
```

```
{
```

```
    homeImg.setImageBitmap(img);
```

```
    textHome.setText(nomHome);
```

```
}
```

```
}
```

```
}
```

SharedPreferences

//Simple Shared Preferences

```
SharedPreferences sharedPreferences = getPreferences(Context.MODE_PRIVATE);
```

```
SharedPreferences.Editor editor = sharedPreferences.edit();
```

//Add a string Example

```
editor.putString("username", "EjemploUsuario");
```

```
editor.apply();
```

// Com recuperar

```
SharedPreferences sharedPreferences = getPreferences(Context.MODE_PRIVATE);
```

```
String username = sharedPreferences.getString("username", " ");
```

Intent

```
Intent intent = new Intent(getApplicationContext());
```

```
//startActivity(intent);
```

```
//finish();
```