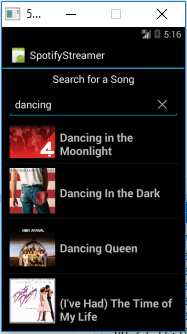
**Learning Outcomes**

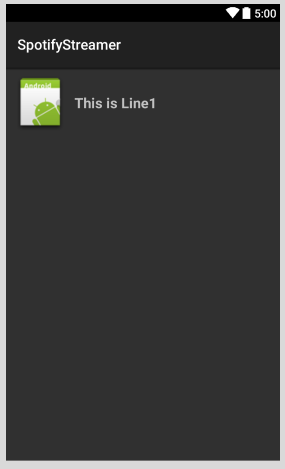
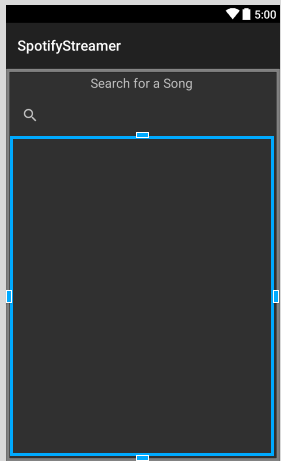
* Parsing JSON (Java Script Object Notation)
* Playing audio using Android Media Player

**User Interface**

Let’s make a Spotify streamer app, this app helps you to search for a song using the Spotify Web API and then on the next screen you can play the 30 sec preview of the song.

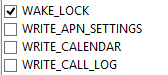


**Layout of the app**



MainActivity.axml CustomRow.axml Track.axml

**Permissions Required**

**Read through the documentation of Spotify Web API**

https://developer.spotify.com/web-api/search-item/

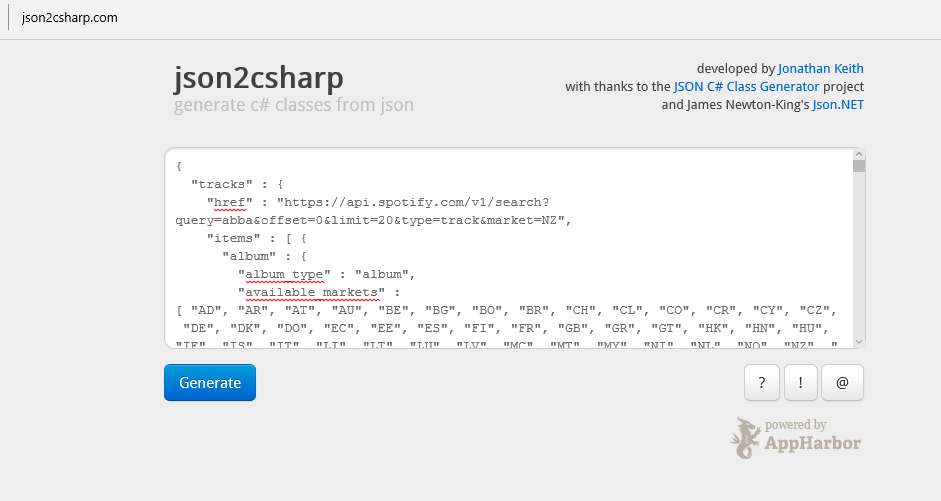
**Searching for a track**

You can use the following URL to search for a track

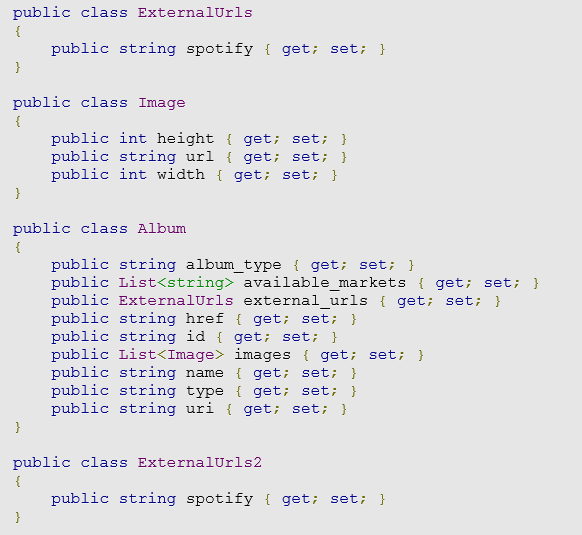
https://api.spotify.com/v1/search?q=abba&type=track&market=NZ

Copy paste the URL in the browser to get the JSON format

Go to json2csharp.com



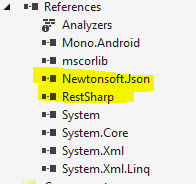
**Click generate**



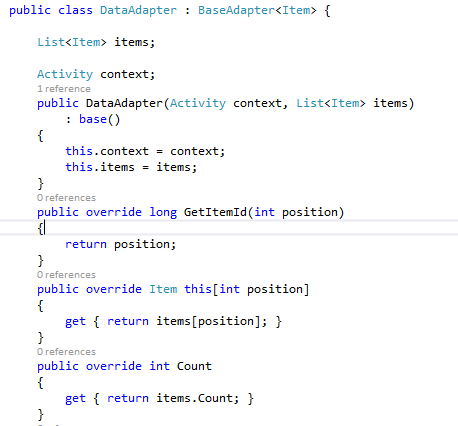
Create Response.cs class and copy the generated code

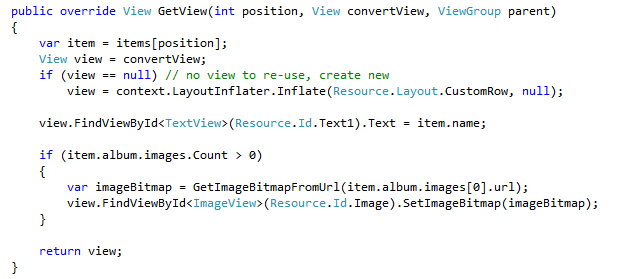
Copy RESThandler.cs from your previous JSON project

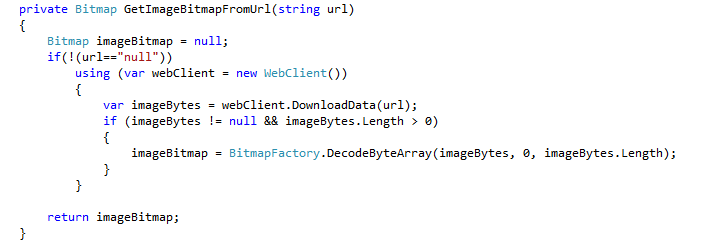
Add the components or Nuget packages (Restsharp and Newtonsoft.JSON)



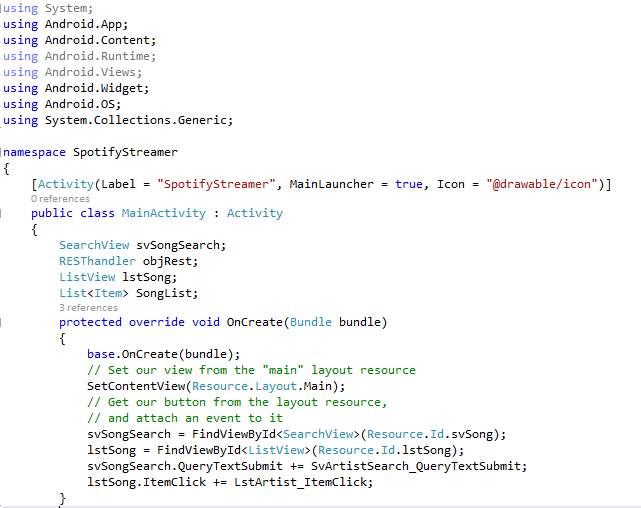
**Copy the DataAdapter.cs**

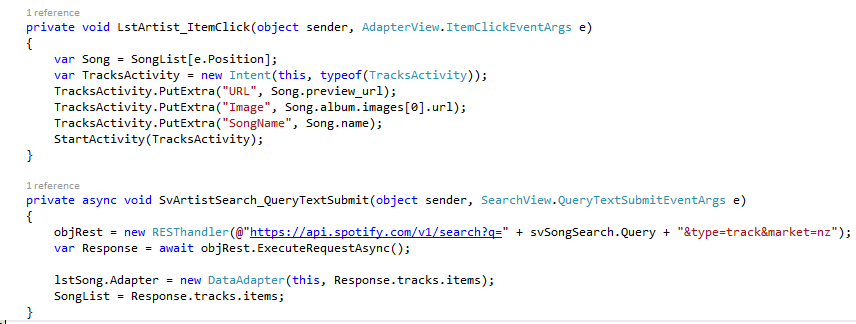




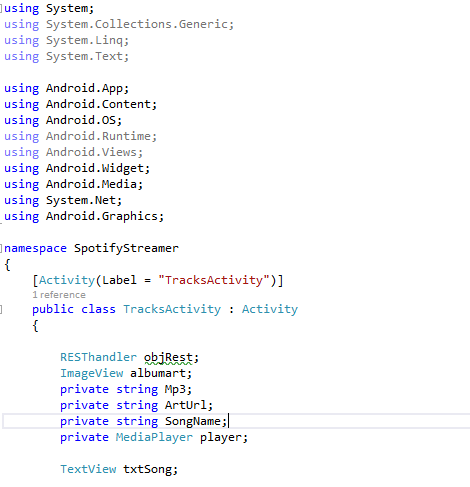


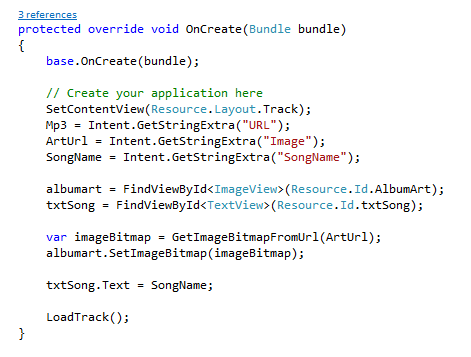
**MainActivity.cs**

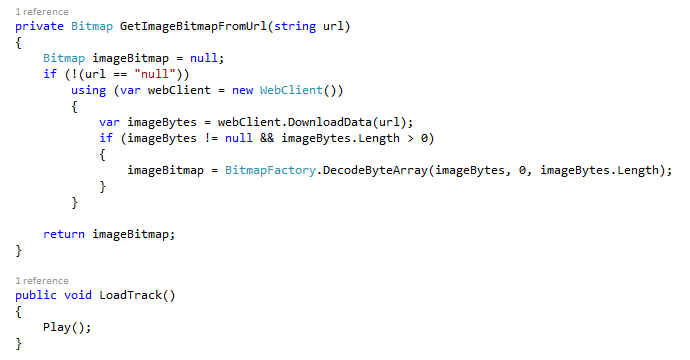


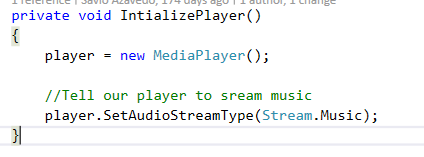


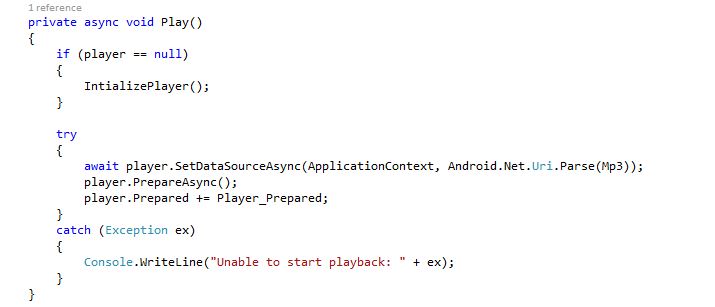
**TracksActivity.cs**

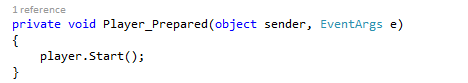












**Exercise**

Implement the pause and play buttons for the player

Try to have a prev and next button as well