**What you have learned from this Codelab?**

In the music player codelab, I learned that in order for a music player app to run seamlessly on Android auto and wear, one would need to move the music playback from an activity to a service and use a notification to keep the app service running in the background. When a music player plays media on a service, it allows users to do media browsing and playback controls. By using the media compatibility library APIs, the music player app can play music seamlessly wherever the use wants.

The reason why we need to play the music player on a service is because the music would stop playing if the music player is running on an Activity and when an activity is not visible or minimized. For example, without playing the music on a service and with notification to keep the service running in the background, the music would stop playing whenever you leave the app or lock the phone. When implementing the service class, it needs to extends the MediaBrowserServiceCompat. MediaBrowserServiceCompat helps to expose media content and playback controls easily to consumers.

The next stop to make the music to play seamlessly without stopping once the app goes into the background is by attaching a MediaStyle notification to the service. This is done easily by creating a notification that is linked to the MusicService. MediaStyle notification is a special kind of notification associated with the MediaSessionCompat. This notification allows the service running in the background while playing the music. It also displays media controls in the notification on the lock screen.