

**Assignment : Music app using services**

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**Batch :23**

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**activity\_main.xml:**

*<?*xml version="1.0" encoding="utf-8"*?>*<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:gravity="center">  
  
 <Button  
 android:id="@+id/startButton"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Start2"  
 />  
  
 <Button  
 android:id="@+id/stopButton"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Stop"  
 />  
  
 </LinearLayout>

**MainActivity.java**

package.com.example.myapplication;  
  
import android.app.Service;  
import android.content.Intent;  
import android.media.MediaPlayer;  
import android.os.IBinder;  
  
public class MusicService extends Service {  
  
 private MediaPlayer mediaPlayer;  
  
 @Override  
 public void onCreate() {  
 super.onCreate();  
 mediaPlayer = MediaPlayer.*create*(this, R.raw.*background\_music*);  
 mediaPlayer.setLooping(true);  
 }  
  
 @Override  
 public int onStartCommand(Intent intent, int flags, int startId) {  
 mediaPlayer.start();  
 return *START\_STICKY*;  
 }  
  
 @Override  
 public void onDestroy() {  
 super.onDestroy();  
 mediaPlayer.stop();  
 mediaPlayer.release();  
 }  
  
 @Override  
 public IBinder onBind(Intent intent) {  
 return null;  
 }  
}

**AndroidManifist.xml**

xml version="1.0" encoding="utf-8"*?>*<manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools">  
 <application  
 android:allowBackup="true"  
 android:dataExtractionRules="@xml/data\_extraction\_rules"  
 android:fullBackupContent="@xml/backup\_rules"

android:icon="@mipmap/ic\_launcher"

android:label="@string/app\_name"  
 android:roundIcon="@mipmap/ic\_launcher\_round"  
 android:supportsRtl="true"  
 android:theme="@style/Theme.ServiceExample"  
 tools:targetApi="31">  
  
 <activity  
 android:name=".MainActivity"  
 android:exported="true">  
 <intent-filter>  
 <action android:name="android.intent.action.MAIN" />  
 <category android:name="android.intent.category.LAUNCHER" />  
 </intent-filter>  
 <meta-data  
 android:name="android.app.lib\_name"  
 android:value="" />  
 </activity>  
  
 <service android:name=".MusicService" />  
  
 </application>  
</manifest>

