**TASK 1: Started Servcies**

**XML FILE :**

*<?*xml version="1.0" encoding="utf-8"*?>*

<RelativeLayoutxmlns: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:background="@drawable/background" android:layout\_height="match\_parent" tools:context=".MainActivity">

<LinearLayoutandroid:layout\_width="match\_parent" android:layout\_height="match\_parent" android:orientation="vertical">

<Button android:id="@+id/button" android:layout\_width="280dp" android:layout\_height="wrap\_content" android:layout\_alignParentTop="true" android:layout\_gravity="center" android:layout\_marginTop="239dp" android:onClick="startService"

android:text="Start Service" />

<Button

android:id="@+id/button2" android:layout\_width="280dp" android:layout\_height="wrap\_content" android:layout\_alignParentTop="true" android:layout\_gravity="center" android:gravity="center" android:layout\_marginTop="20dp" android:onClick="stopService"

android:text="Stop Service" />

</LinearLayout>

</RelativeLayout>

# JAVA FILE :

import android.content.Intent; import android.support.v7.app.AppCompatActivity; import android.os.Bundle; import android.view.View;

import android.view.View.OnClickListener; import android.widget.Button; public class MainActivity extends AppCompatActivity implements View.OnClickListener { private Button start,stop;

protected void onCreate(Bundle savedInstanceState){ super.onCreate(savedInstanceState); setContentView(R.layout.*activity\_main*); start=(Button)findViewById(R.id.*button*); stop=(Button)findViewById(R.id.*button2*); start.setOnClickListener(this);

}

public void onClick(View v) { if(v == start){

startService(new Intent(this,MyService.class));

}

else if(v==stop){stopService(new Intent(this,MyService.class));

} }

}

**MyService.java**

package com.example.lab07\_task01;

import android.app.Service; import android.content.Intent; import android.media.MediaPlayer; import android.os.IBinder;

import android.provider.Settings;

public class MyService extends Service {

MediaPlayerplayer; public IBinderonBind(Intent intent) {

return null;

}

@Override

public int onStartCommand(Intent intent, int flags, int startId) { player=MediaPlayer.*create*(this, Settings.System.*DEFAULT\_RINGTONE\_URI*); player.setLooping(true); player.start();

return *START\_STICKY*;

}

public void onDestroy() {

super.onDestroy();

player.stop();

}

}

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