

ASSIGNMENT



Subject: Mad

Subject Code: CAT-351

Practical: 7

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Practical 7: Write an application to implement services using media player.

Ans: -

```
package com.example.myservice;

import android.app.Service;
import android.content.Intent;
import android.media.MediaPlayer;
import android.os.IBinder;
import android.provider.Settings;
import android.widget.Toast;

public class MyService extends Service {
    MediaPlayer player;
    @Override
    public IBinder onBind(Intent intent) {
        return null;
    }
    @Override
    public int onStartCommand(Intent intent, int flags, int startId) {
        Toast.makeText(this,"service started", Toast.LENGTH_SHORT);

        player = MediaPlayer.create(this, Settings.System.DEFAULT_RINGTONE_URI);
        player.setLooping(true);
        player.start();
        return START_NOT_STICKY;
    }
    @Override
    public void onDestroy() {
        super.onDestroy();
        player.stop();
    }
}
```

```
package com.example.myservice;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;

public class MainActivity extends AppCompatActivity
{ @Override
  protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
  }
  public void startPlayer(View view)
  {
    Intent in=new Intent(this,MyService.class);
    startService(in);
  }
  public void stopPlayer(View view)
  {
    Intent in=new Intent(this,MyService.class);
    stopService(in);
  }
}
```

OUTPUT:

