Practical – 32 : Write a program to demonstrate use of Broadcast receiver in Android.

MainActivity.java

```java
package com.example.airplanemode;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.content.IntentFilter;
import android.os.Bundle;

public class MainActivity extends AppCompatActivity {

    private MyService myservice=new MyService();

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }

    @Override
    protected void onStart() {
        super.onStart();
        IntentFilter filter=new
IntentFilter(Intent.ACTION_AIRPLANE_MODE_CHANGED);
        registerReceiver(myservice,filter);

    }

    @Override
    protected void onStop() {
        super.onStop();
        unregisterReceiver(myservice);
    }
}
```

activity_main.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns: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:layout_height="match_parent"
    tools:context=".MainActivity"/>
```

MyService.java

```java
package com.example.airplanemode;

import android.content.BroadcastReceiver;
import android.content.Context;
import android.content.Intent;
import android.widget.Toast;

public class MyService extends BroadcastReceiver {
    public void onReceive(Context context, Intent intent) {
        Toast.makeText(context, "AIRPLANE MODE CHANGED.",
```

```
Toast.LENGTH_LONG).show();
    }
}
```

output :