**Practical 22**

1. Write a Program to demonstrate the use of broadcast reciever.

Xml Code :

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

<LinearLayout 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"

android:background="#c3fc5c">

<ListView

android:id="@+id/listView1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:dividerHeight="3dp"

android:textAlignment="center"/>

</LinearLayout>

Java Code :

package com.example.sensor;

import java.util.List;

import android.content.Context;

import android.hardware.Sensor;

import android.hardware.SensorManager;

import android.os.Bundle;

import android.widget.ArrayAdapter;

import android.widget.ListView;

import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {

SensorManager smm;

List<Sensor> sensor;

ListView lv;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

smm = (SensorManager) getSystemService(Context.SENSOR\_SERVICE);

lv = (ListView) findViewById (R.id.listView1);

sensor = smm.getSensorList(Sensor.TYPE\_ALL);

lv.setAdapter(new ArrayAdapter<Sensor>(this, android.R.layout.simple\_list\_item\_1, sensor));

}

}

Output:

Text

Description automatically generated