2.6 My Sensor

On this topic, need to explore more. akan ad error on (@+dimen/acvitivit++++++)

activityMain.java

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| package com.example.mysensor;  import android.hardware.Sensor; import android.hardware.SensorManager; import android.os.Bundle;  import com.google.android.material.floatingactionbutton.FloatingActionButton; import com.google.android.material.snackbar.Snackbar;  import androidx.appcompat.app.AppCompatActivity; import androidx.appcompat.widget.Toolbar;  import android.view.View; import android.view.Menu; import android.view.MenuItem; import android.widget.TextView;  import java.util.List;  public class MainActivity extends AppCompatActivity {  TextView tv1= null;  private SensorManager mSensorManager;   @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.*activity\_main*);   tv1 = (TextView) findViewById(R.id.*textView2*);  tv1.setVisibility(View.*GONE*);   mSensorManager = (SensorManager) getSystemService(*SENSOR\_SERVICE*);  List<Sensor> mList = mSensorManager.getSensorList(Sensor.*TYPE\_ALL*);   for(int i=1; i < mList.size();i++){  tv1.setVisibility(View.*VISIBLE*);  tv1.append("\n" + mList.get(i).getName()+"\n" + mList.get(i).getVendor() +"\n" + mList.get(i).getVersion());  }    Toolbar toolbar = findViewById(R.id.*toolbar*);  setSupportActionBar(toolbar);   FloatingActionButton fab = findViewById(R.id.*fab*);  fab.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View view) {  Snackbar.*make*(view, "Replace with your own action", Snackbar.*LENGTH\_LONG*)  .setAction("Action", null).show();  }  });  }   @Override  public boolean onCreateOptionsMenu(Menu menu) {  // Inflate the menu; this adds items to the action bar if it is present.  getMenuInflater().inflate(R.menu.*menu\_main*, menu);  return true;  }   @Override  public boolean onOptionsItemSelected(MenuItem item) {  // Handle action bar item clicks here. The action bar will  // automatically handle clicks on the Home/Up button, so long  // as you specify a parent activity in AndroidManifest.xml.  int id = item.getItemId();   //noinspection SimplifiableIfStatement  if (id == R.id.*action\_settings*) {  return true;  }   return super.onOptionsItemSelected(item);  } } |

Context\_main.xml

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| <?xml version="1.0" encoding="utf-8"?> <RelativeLayout   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"  android:paddingLeft="@dimen/activity\_horizontal\_margin"  android:paddingTop="@dimen/activity\_vertical\_margin"  android:paddingBottom="@dimen/activity\_vertical\_margin"  app:layout\_behavior="@string/appbar\_scrolling\_view\_behavior"  tools:context=".MainActivity"  tools:showIn="@layout/activity\_main"  android:transitionGroup="true">   <TextView  android:text="Sensor"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:id="@+id/textview"  android:textSize="35dp"  android:layout\_alignParentTop="true"  android:layout\_centerHorizontal="true" />   <TextView  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="New Text"  android:id="@+id/textView2"  android:layout\_below="@+id/imageView"  android:layout\_alignParentBottom="true"  android:layout\_alignParentRight="true"  android:layout\_alignParentEnd="true"  android:layout\_alignParentLeft="true"  android:layout\_alignParentStart="true"/> </RelativeLayout> |

If have error on context\_main.xml at

android:paddingLeft="@dimen/activity\_horizontal\_margin"  
 android:paddingTop="@dimen/activity\_vertical\_margin"  
 android:paddingBottom="@dimen/activity\_vertical\_margin"

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| click on **res** then right click on **values** then click on \*New\* then click on \*value resource file\* and name it **dimens** then click finish. After which you paste the below code  <?xml version="1.0" encoding="utf-8"?>  <resources>  <dimen name="activity\_horizontal\_margin">5dp</dimen>  <dimen name="activity\_vertical\_margin">5dp</dimen>  </resources> |



