////////activity\_main4.xml

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:paddingBottom="@dimen/activity\_vertical\_margin"  
 android:paddingLeft="@dimen/activity\_horizontal\_margin"  
 android:paddingRight="@dimen/activity\_horizontal\_margin"  
 android:paddingTop="@dimen/activity\_vertical\_margin"  
 tools:context="com.example.aswanth.app4.MainActivity4"**>  
  
 <**android.support.v7.widget.RecyclerView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/recyler\_view"** />  
</**RelativeLayout**>

//////MainActivity4.java

**package** com.example.aswanth.app4;  
  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.support.v7.widget.LinearLayoutManager;  
**import** android.support.v7.widget.RecyclerView;  
**import** android.widget.ListAdapter;  
  
**import** java.util.ArrayList;  
  
**public class** MainActivity4 **extends** AppCompatActivity {  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main4***);  
 ArrayList<String> data=**new** ArrayList<>();  
 data.add(**"a"**);  
 data.add(**"b"**);  
 data.add(**"c"**);  
 data.add(**"d"**);  
 data.add(**"e"**);  
 data.add(**"f"**);  
 data.add(**"g"**);  
 data.add(**"h"**);  
 data.add(**"i"**);  
  
 RecyclerView recyclerView=(RecyclerView) findViewById(R.id.***recyler\_view***);  
 recyclerView.setLayoutManager(**new** LinearLayoutManager(**this**));  
 recyclerView.setAdapter(**new** listadapter(data));  
 }  
}

///////itemholder.java

**package** com.example.aswanth.app4;  
  
**import** android.support.v7.widget.RecyclerView;  
**import** android.view.View;  
**import** android.widget.TextView;  
  
*/\*\*  
 \* Created by Aswanth on 09-12-2015.  
 \*/***public class** itemholder **extends** RecyclerView.ViewHolder {  
  
 TextView **textView**;  
  
 **public** itemholder(View itemView) {  
 **super**(itemView);  
 **textView**=(TextView)itemView.findViewById(R.id.***txt***);  
 }  
 **public void** bind(String text)  
 {  
 **textView**.setText(text);  
 }  
}

/////////item\_list.xml

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:orientation="vertical" android:layout\_width="match\_parent"  
 android:layout\_height="56dp"**>  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:id="@+id/txt"  
 android:gravity="center\_vertical"  
 android:textSize="28dp"**/>  
  
</**LinearLayout**>

////////listadapter.java

**package** com.example.aswanth.app4;  
  
**import** android.support.v7.widget.RecyclerView;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
  
**import** java.util.ArrayList;  
  
*/\*\*  
 \* Created by Aswanth on 09-12-2015.  
 \*/***public class** listadapter **extends** RecyclerView.Adapter<itemholder>{  
 **private** ArrayList<String> **myItems**;  
 **public** listadapter(ArrayList<String> Items)  
 {  
 **myItems**=Items;  
 }  
  
  
 @Override  
 **public** itemholder onCreateViewHolder(ViewGroup parent, **int** viewType) {  
 LayoutInflater inflater=LayoutInflater.*from*(parent.getContext());  
 View itemView = inflater.inflate(R.layout.***item\_list***,parent,**false**);  
 **return new** itemholder(itemView);  
  
 }  
  
 @Override  
 **public void** onBindViewHolder(itemholder holder, **int** position) {  
 String text=**myItems**.get(position);  
 holder.bind(text);  
 }  
  
 @Override  
 **public int** getItemCount() {  
 **return myItems**.size();  
 }  
}

//////app

apply plugin: **'com.android.application'**android {  
 compileSdkVersion 23  
 buildToolsVersion **"23.0.2"** defaultConfig {  
 applicationId **"com.example.aswanth.app4"** minSdkVersion 15  
 targetSdkVersion 23  
 versionCode 1  
 versionName **"1.0"** }  
 buildTypes {  
 release {  
 minifyEnabled **false** proguardFiles getDefaultProguardFile(**'proguard-android.txt'**), **'proguard-rules.pro'** }  
 }  
}  
  
dependencies {  
 compile fileTree(dir: **'libs'**, include: [**'\*.jar'**])  
 testCompile **'junit:junit:4.12'** compile **'com.android.support:appcompat-v7:23.1.1'** compile **'com.android.support:recyclerview-v7:23.1.1'**}

////////////////////////////////////////////////////////////////////////////////////////////////////////