

```

1  package com.example.weatherapp;
2
3  import android.content.Context;
4  import android.os.Bundle;
5
6  import androidx.fragment.app.Fragment;
7  import androidx.recyclerview.widget.LinearLayoutManager;
8  import androidx.recyclerview.widget.RecyclerView;
9
10 import android.view.LayoutInflater;
11 import android.view.View;
12 import android.view.ViewGroup;
13 import android.widget.ImageView;
14 import android.widget.TextView;
15
16 import java.lang.ref.WeakReference;
17 import java.lang.reflect.Array;
18 import java.util.ArrayList;
19
20
21 public class StartingFragment extends Fragment {
22
23     WeakReference<Context> mainContext;
24     TextView textViewHeaderWeatherMaxToday;
25     TextView textViewHeaderWeatherMinToday;
26     ImageView imageViewWeatherIconToday;
27     ArrayList<WeatherInformation> weatherInformations;
28     TextView textViewCloudinessValue;
29     TextView textViewHumidityValue;
30     TextView textViewWindSpeedValue;
31
32     public StartingFragment(ArrayList<WeatherInformation> weatherInformations,
33                             WeakReference<Context> mainContext) {
34         this.weatherInformations = weatherInformations;
35         this.mainContext = mainContext;
36     }
37
38     @Override
39     public void onCreate(Bundle savedInstanceState) {
40         super.onCreate(savedInstanceState);
41     }
42
43     @Override
44     public View onCreateView(LayoutInflater inflater, ViewGroup container,
45                             Bundle savedInstanceState) {
46         View view = inflater.inflate(R.layout.fragment_starting, container, false);
47
48         imageViewWeatherIconToday = view.findViewById(R.id.imageViewWeatherIconToday);
49         textViewHeaderWeatherMaxToday = view.findViewById(R.id.
50             textViewHeaderWeatherMaxToday);
51         textViewHeaderWeatherMinToday = view.findViewById(R.id.
52             textViewHeaderWeatherMinToday);
53
54         textViewCloudinessValue = view.findViewById(R.id.textViewCloudinessValue);
55         textViewHumidityValue = view.findViewById(R.id.textViewHumidityValue);
56         textViewWindSpeedValue = view.findViewById(R.id.textViewWindSpeedValue);
57
58         WeatherInformation todayWeatherInformation = weatherInformations.get(0);
59
60         int drawableResourceId = this.getResources().getIdentifier("weathericon_"
61             .concat(todayWeatherInformation.getIconName()), "drawable", mainContext.get().
62             getPackageName());
63         imageViewWeatherIconToday.setImageResource(drawableResourceId);
64
65         int roundedMaxTemp = (int) todayWeatherInformation.getMaxTemp();
66         int roundedMinTemp = (int) todayWeatherInformation.getMinTemp();
67
68         textViewHeaderWeatherMaxToday.setText(Integer.toString(roundedMaxTemp));
69         textViewHeaderWeatherMinToday.setText(Integer.toString(roundedMinTemp));
70
71         textViewCloudinessValue.setText(Double.toString(todayWeatherInformation.
72             getCloudiness()));

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68         textViewHumidityValue.setText(Double.toString(todayWeatherInformation.  
69         getHumidity()));  
70         textViewWindSpeedValue.setText(Double.toString(todayWeatherInformation.  
71         getWindSpeed()));  
72  
73         RecyclerView recyclerViewOtherDaysWeatherCondition = view.findViewById(R.id.  
74         recyclerViewOtherDaysWeatherCondition);  
75  
76         WeatherInformation[] filteredWeatherInformations = {  
77             weatherInformations.get(7),  
78             weatherInformations.get(15),  
79             weatherInformations.get(23),  
80             weatherInformations.get(31),  
81             weatherInformations.get(39),  
82         };  
83  
84         RecyclerViewAdapter recyclerViewAdapter = new RecyclerViewAdapter(view.getContext(),  
85         filteredWeatherInformations);  
86         recyclerViewOtherDaysWeatherCondition.setAdapter(recyclerViewAdapter);  
87  
88         LinearLayoutManager layoutManager = new LinearLayoutManager(view.  
89         getContext());  
90         layoutManager.setOrientation(LinearLayoutManager.VERTICAL);  
91         recyclerViewOtherDaysWeatherCondition.setLayoutManager(layoutManager);  
92  
93         return view;  
94     }  
95 }
```