Compt-Rendu

Examen Tp

Delevery Food

AndroidManifest.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools">

    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/AppTheme">
        <activity android:name=".DetailsActivity"/>
        <activity android:name=".MainActivity"
            android:exported="true">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>

</manifest>
```

MainActivty.kt

```xml
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools">

    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/AppTheme">
        <activity android:name=".DetailsActivity"/>
        <activity android:name=".MainActivity"
```

```xml
            android:exported="true">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>

</manifest>
```

DetailActivty.kt

```java
package com.example.foodapp;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

public class DetailsActivity extends AppCompatActivity {

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

model/asiaFood.kt

```java
package com.example.foodapp.model;

public class AsiaFood {

    String name;
    String price;
    Integer imageUrl;

    public AsiaFood(String name, String price, Integer imageUrl, String
rating, String restorantname) {
        this.name = name;
        this.price = price;
        this.imageUrl = imageUrl;
        this.rating = rating;
        this.restorantname = restorantname;
    }

    String rating;
    String restorantname;

    public String getRating() {
```

```
        return rating;
    }

    public void setRating(String rating) {
        this.rating = rating;
    }

    public String getRestorantname() {
        return restorantname;
    }

    public void setRestorantname(String restorantname) {
        this.restorantname = restorantname;
    }

    public String getName() {
        return name;
    }

    public void setName(String name) {
        this.name = name;
    }

    public String getPrice() {
        return price;
    }

    public void setPrice(String price) {
        this.price = price;
    }

    public Integer getImageUrl() {
        return imageUrl;
    }

    public void setImageUrl(Integer imageUrl) {
        this.imageUrl = imageUrl;
    }
}
```

Model/popularFood.kt

```
package com.example.foodapp.model;

public class PopularFood {

    String name;
    String price;
    Integer imageUrl;

    public PopularFood(String name, String price, Integer imageUrl) {
        this.name = name;
        this.price = price;
        this.imageUrl = imageUrl;
    }
```

```java
    public String getName() {
        return name;
    }

    public void setName(String name) {
        this.name = name;
    }

    public String getPrice() {
        return price;
    }

    public void setPrice(String price) {
        this.price = price;
    }

    public Integer getImageUrl() {
        return imageUrl;
    }

    public void setImageUrl(Integer imageUrl) {
        this.imageUrl = imageUrl;
    }
}
```

adapter/asiafoodAdapter

```java
package com.example.foodapp.adapter;

import android.content.Context;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.ImageView;
import android.widget.TextView;

import androidx.annotation.NonNull;
import androidx.recyclerview.widget.RecyclerView;

import com.example.foodapp.R;
import com.example.foodapp.model.AsiaFood;
import com.example.foodapp.model.PopularFood;

import java.util.List;


public class AsiaFoodAdapter extends
RecyclerView.Adapter<AsiaFoodAdapter.AsiaFoodViewHolder> {

    Context context;
    List<AsiaFood> asiaFoodList;
```

```java
    public AsiaFoodAdapter(Context context, List<AsiaFood> asiaFoodList) {
        this.context = context;
        this.asiaFoodList = asiaFoodList;
    }

    @NonNull
    @Override
    public AsiaFoodViewHolder onCreateViewHolder(@NonNull ViewGroup parent,
int viewType) {

        View view =
LayoutInflater.from(context).inflate(R.layout.asia_food_row_item, parent,
false);
        return new AsiaFoodViewHolder(view);
    }

    @Override
    public void onBindViewHolder( AsiaFoodViewHolder holder, int position) {

holder.foodImage.setImageResource(asiaFoodList.get(position).getImageUrl());
        holder.name.setText(asiaFoodList.get(position).getName());
        holder.price.setText(asiaFoodList.get(position).getPrice());
        holder.rating.setText(asiaFoodList.get(position).getRating());

holder.restorantName.setText(asiaFoodList.get(position).getRestorantname());

    }

    @Override
    public int getItemCount() {
        return asiaFoodList.size();
    }


    public static final class AsiaFoodViewHolder extends
RecyclerView.ViewHolder{


        ImageView foodImage;
        TextView price, name, rating, restorantName;

        public AsiaFoodViewHolder(@NonNull View itemView) {
            super(itemView);

            foodImage = itemView.findViewById(R.id.food_image);
            price = itemView.findViewById(R.id.price);
            name = itemView.findViewById(R.id.name);
            rating = itemView.findViewById(R.id.rating);
            restorantName = itemView.findViewById(R.id.restorant_name);



        }
    }

}
```

Adapter/popularfoodAdapter

```java
package com.example.foodapp.adapter;

import android.content.Context;
import android.content.Intent;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.ImageView;
import android.widget.TextView;

import androidx.annotation.NonNull;
import androidx.recyclerview.widget.RecyclerView;

import com.example.foodapp.DetailsActivity;
import com.example.foodapp.MainActivity;
import com.example.foodapp.R;
import com.example.foodapp.model.PopularFood;

import java.util.List;


public class PopularFoodAdapter extends
RecyclerView.Adapter<PopularFoodAdapter.PopularFoodViewHolder> {

    Context context;
    List<PopularFood> popularFoodList;



    public PopularFoodAdapter(Context context, List<PopularFood>
popularFoodList) {
        this.context = context;
        this.popularFoodList = popularFoodList;
    }

    @NonNull
    @Override
    public PopularFoodViewHolder onCreateViewHolder(@NonNull ViewGroup parent,
int viewType) {

        View view =
LayoutInflater.from(context).inflate(R.layout.popular_food_row_item, parent,
false);
        return new PopularFoodViewHolder(view);
    }

    @Override
    public void onBindViewHolder(@NonNull PopularFoodViewHolder holder, int
position) {


holder.foodImage.setImageResource(popularFoodList.get(position).getImageUrl())
;
        holder.name.setText(popularFoodList.get(position).getName());
        holder.price.setText(popularFoodList.get(position).getPrice());
```

```java
        holder.itemView.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent i = new Intent(context, DetailsActivity.class);
                context.startActivity(i);
            }
        });


    }

    @Override
    public int getItemCount() {
        return popularFoodList.size();
    }


    public static final class PopularFoodViewHolder extends
RecyclerView.ViewHolder{


        ImageView foodImage;
        TextView price, name;

        public PopularFoodViewHolder(@NonNull View itemView) {
            super(itemView);

            foodImage = itemView.findViewById(R.id.food_image);
            price = itemView.findViewById(R.id.price);
            name = itemView.findViewById(R.id.name);



        }
    }

}
```
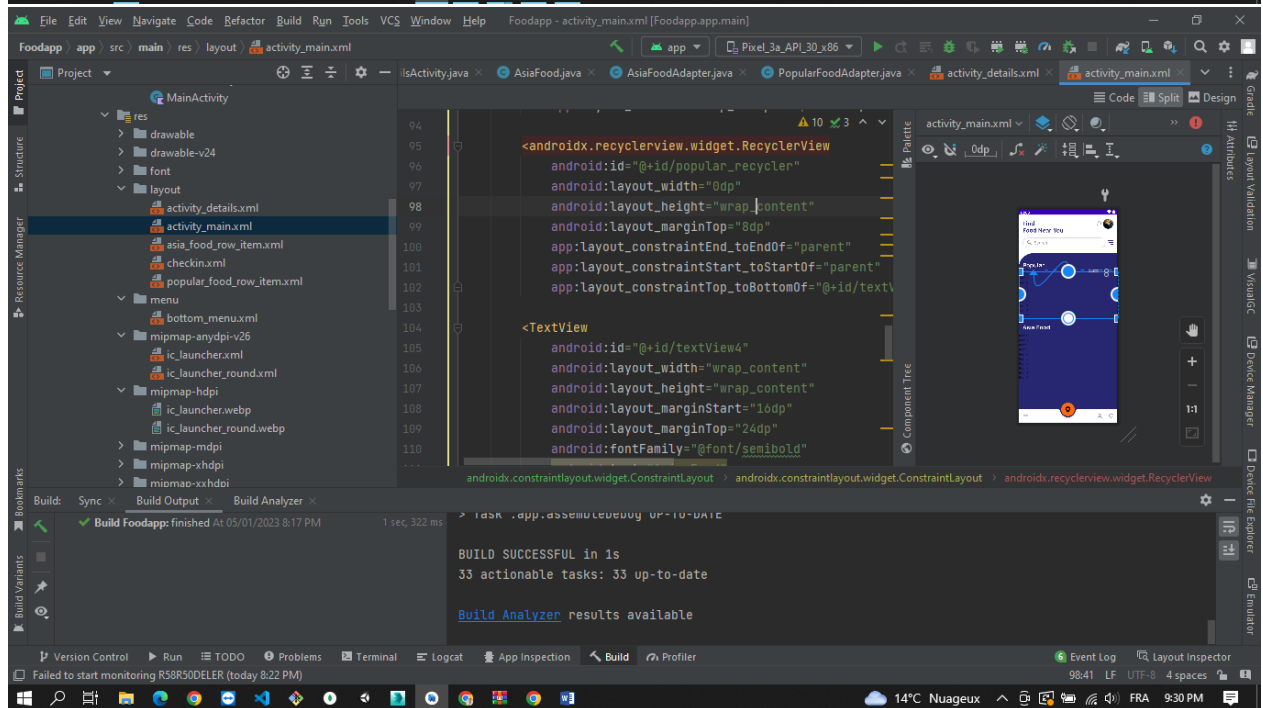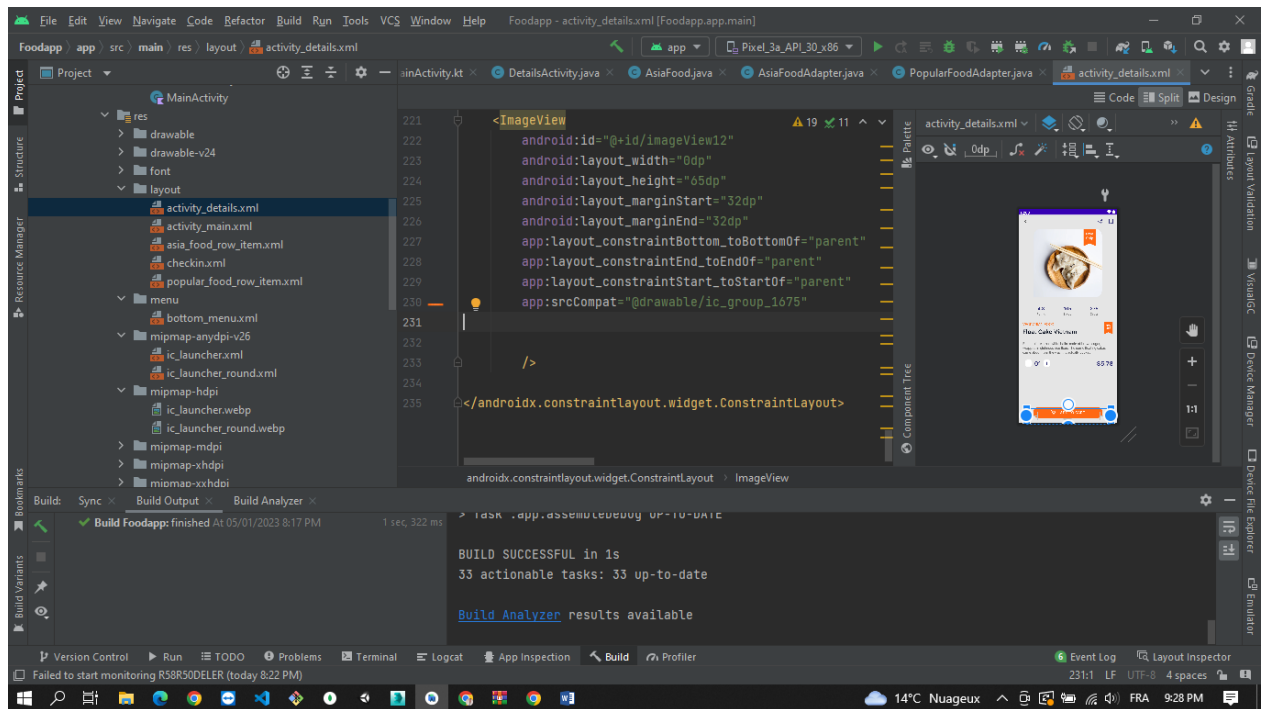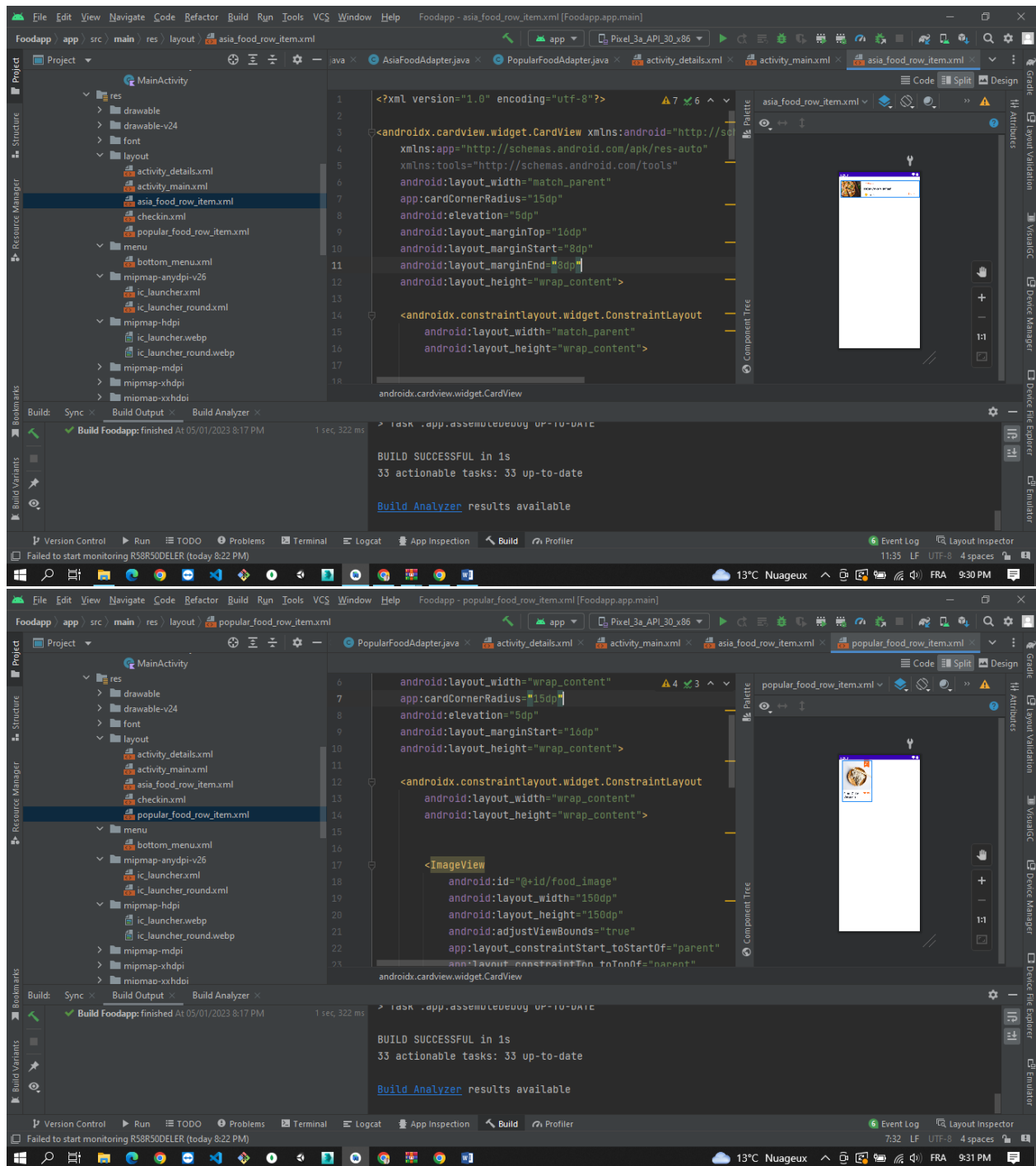
Screenshot 1 — activity_details.xml:

```
221        <ImageView
222            android:id="@+id/imageView12"
223            android:layout_width="0dp"
224            android:layout_height="65dp"
225            android:layout_marginStart="32dp"
226            android:layout_marginEnd="32dp"
227            app:layout_constraintBottom_toBottomOf="parent"
228            app:layout_constraintEnd_toEndOf="parent"
229            app:layout_constraintStart_toStartOf="parent"
230            app:srcCompat="@drawable/ic_group_1675"
231
232
233            />
234
235    </androidx.constraintlayout.widget.ConstraintLayout>
```

Build Output:

```
> Task :app:assembleDebug UP-TO-DATE

BUILD SUCCESSFUL in 1s
33 actionable tasks: 33 up-to-date

Build Analyzer results available
```


Screenshot 2 — activity_main.xml:

```
94
95        <androidx.recyclerview.widget.RecyclerView
96            android:id="@+id/popular_recycler"
97            android:layout_width="0dp"
98            android:layout_height="wrap_content"
99            android:layout_marginTop="8dp"
100           app:layout_constraintEnd_toEndOf="parent"
101           app:layout_constraintStart_toStartOf="parent"
102           app:layout_constraintTop_toBottomOf="@+id/textV
103
104       <TextView
105           android:id="@+id/textView4"
106           android:layout_width="wrap_content"
107           android:layout_height="wrap_content"
108           android:layout_marginStart="16dp"
109           android:layout_marginTop="24dp"
110           android:fontFamily="@font/semibold"
```

Build Output:

```
> Task :app:assembleDebug UP-TO-DATE

BUILD SUCCESSFUL in 1s
33 actionable tasks: 33 up-to-date

Build Analyzer results available
```

Color.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<resources>
    <color name="colorPrimary">#6200EE</color>
    <color name="colorPrimaryDark">#3700B3</color>
    <color name="colorAccent">#03DAC5</color>
```

```xml
    <color name="purple_200">#FFBB86FC</color>
    <color name="purple_500">#FF6200EE</color>
    <color name="purple_700">#FF3700B3</color>
    <color name="teal_200">#FF03DAC5</color>
    <color name="teal_700">#FF018786</color>
    <color name="black">#FF000000</color>

</resources>
```

String.xml

```xml
<resources>
    <string name="app_name">FoodApp</string>
    <string name="number_code_is_2547">number code is 2547</string>
    <string name="textview">TextView</string>
    <string name="you_are_welcom">you are welcom</string>
</resources>
```

Style.xml

```xml
<resources>

    <!-- Base application theme. -->
    <style name="AppTheme"
parent="Theme.MaterialComponents.Light.NoActionBar">
        <!-- Customize your theme here. -->
        <item name="colorPrimary">#ffffff</item>
        <item name="colorPrimaryDark">@color/colorPrimaryDark</item>
        <item name="colorAccent">@color/colorAccent</item>
    </style>

</resources>
```