В activity\_main добавить

<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="wrap\_content"

android:orientation="vertical"

tools:context=".MainActivity">

<androidx.recyclerview.widget.RecyclerView

android:id="@+id/rv"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

tools:layout\_editor\_absoluteX="1dp"

tools:layout\_editor\_absoluteY="1dp" />

В </LinearLayout>должно быть layout\_height="wrap\_content" иначе список не листается

Если на главном экране есть дополнительные элементы, то вставить здесь

Разметка item\_list рисунок и строка текста

<RelativeLayout

xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent">

<ImageView

android:id="@+id/imgView"

android:layout\_width="match\_parent"

android:layout\_height="381dp"

app:srcCompat="@drawable/chibis" />

<TextView

android:id="@+id/txtView"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/imgView"

android:layout\_alignParentEnd="true"

android:layout\_alignParentBottom="true"

android:layout\_marginTop="21dp"

android:layout\_marginEnd="186dp"

android:layout\_marginBottom="310dp"

android:text="TextView" />

</RelativeLayout>

Класс для элементов списка

public class ItemClass {

int img;

String str;

Собственно адаптер

public class ArrayAdapter extends RecyclerView.Adapter<ArrayAdapter.ViewHolder>{

private final LayoutInflater inflater;

private final ArrayList<Logo> mylst;

public ArrayAdapter(Context context, ArrayList<Logo>mylst) {

this.inflater = LayoutInflater.*from*(context);

this.mylst = mylst;

}

@NonNull

@Override

public ArrayAdapter.ViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {

View view = inflater.inflate(R.layout.*item\_list*, parent, false);

return new ViewHolder(view);

}

@Override

public void onBindViewHolder(@NonNull ArrayAdapter.ViewHolder holder, int position) {

Logo logo = mylst.get(position);

holder.imgView.setImageResource(Logo.getMove());*//mylst.get(position).getMove());*

holder.txtView.setText(Logo.getName());*//mylst.getClass().getName());*

}

@Override

public int getItemCount() {

return mylst.size();

}

public static class ViewHolder extends RecyclerView.ViewHolder {

ImageView imgView;

TextView txtView;

public ViewHolder(@NonNull View itemView) {

super(itemView);

imgView = itemView.findViewById(R.id.*imgView*);

txtView = itemView.findViewById(R.id.*txtView*);

}

}

}

В MainActivity

public class MainActivity extends AppCompatActivity {

int [] num = new int[7];

String [] strings = new String[7];

ArrayList<ItemClass> lst = new ArrayList<>();

private static RecyclerView.Adapter *adapter*;

private RecyclerView.LayoutManager layoutManager;

private static RecyclerView *recyclerView*;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_main*);

SetInitialize();

*recyclerView* = (RecyclerView) findViewById(R.id.*rv*);

*recyclerView*.setHasFixedSize(true);

layoutManager = new LinearLayoutManager(this);

*recyclerView*.setLayoutManager(layoutManager);

*adapter* = new NewAdapter(this,lst);

*recyclerView*.setAdapter(*adapter*);

}

void SetInitialize(){

lst.add(new ItemClass(R.drawable.*chibis*, "чибис"));

lst.add(new ItemClass(R.drawable.*drozd*, "drozd"));

lst.add(new ItemClass(R.drawable.*malinovka*, "malinovka"));

lst.add(new ItemClass(R.drawable.*nightingal*, "nightingal"));

lst.add(new ItemClass(R.drawable.*oriolus*, "oriolus"));

lst.add(new ItemClass(R.drawable.*schegol*, "schegol"));

lst.add(new ItemClass(R.drawable.*siniza\_1*, "siniza\_1"));

}

}