package com.example.blgm419\_bufferreaderornek;

import android.annotation.SuppressLint;
import android.content.Context;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;

import androidx.activity.EdgeToEdge;
import androidx.appcompat.app.AppCompatActivity;
import androidx.core.graphics.Insets;
import androidx.core.view.ViewCompat;
import androidx.core.view.WindowInsetsCompat;

import java.io.FileOutputStream;
import java.io.IOException;
import java.io.OutputStreamWriter;

public class MainActivity extends AppCompatActivity {

 EditText et1\_id,et2\_s1,et3\_s2,et4\_final;

 Button bt\_kaydet, bt\_listele;

 String dosya="Ogrenciler.txt";

 @SuppressLint("MissingInflatedId")
 @Override
 protected void onCreate(Bundle savedInstanceState) {
 super.onCreate(savedInstanceState);
 EdgeToEdge.*enable*(this);
 setContentView(R.layout.*activity\_main*);
 ViewCompat.*setOnApplyWindowInsetsListener*(findViewById(R.id.*main*), (v, insets) -> {
 Insets systemBars = insets.getInsets(WindowInsetsCompat.Type.*systemBars*());
 v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bottom);
 return insets;
 });

 et1\_id=findViewById(R.id.*editTextNumber*);
 et2\_s1=findViewById(R.id.*editTextNumber2*);
 et3\_s2=findViewById(R.id.*editTextNumber3*);
 et4\_final=findViewById(R.id.*editTextNumber4*);

 bt\_kaydet=findViewById(R.id.*button*);
 bt\_listele=findViewById(R.id.*button2*);

 bt\_kaydet.setOnClickListener(new View.OnClickListener() {
 @Override
 public void onClick(View view) {

 try {
 FileOutputStream fos=openFileOutput(dosya, Context.*MODE\_APPEND*);
 OutputStreamWriter osw=new OutputStreamWriter(fos);

 String input=et1\_id.getText().toString()+" "+et2\_s1.getText().toString()+" "+et3\_s2.getText().toString()+" "+et4\_final.getText().toString()+"\n";
 osw.write(input);

 osw.flush();
 osw.close();
 } catch (IOException e) {
 throw new RuntimeException(e);
 }

 }
 });
 bt\_listele.setOnClickListener(new View.OnClickListener() {
 @Override
 public void onClick(View view) {

 Intent intent=new Intent(MainActivity.this, MainActivity2.class);

 startActivity(intent);
 }
 });

 }
}

package com.example.blgm419\_bufferreaderornek;

import android.annotation.SuppressLint;
import android.os.Bundle;
import android.widget.ArrayAdapter;
import android.widget.ListView;

import androidx.activity.EdgeToEdge;
import androidx.appcompat.app.AppCompatActivity;
import androidx.core.graphics.Insets;
import androidx.core.view.ViewCompat;
import androidx.core.view.WindowInsetsCompat;

import java.io.BufferedReader;
import java.io.FileNotFoundException;
import java.io.IOException;
import java.io.InputStreamReader;
import java.util.ArrayList;

public class MainActivity2 extends AppCompatActivity {

 ListView lv\_ogrenciler;

 String dosya="Ogrenciler.txt";
 ArrayList<String> tumogrenciler=new ArrayList<>();
 ArrayAdapter adapter;

 @SuppressLint("MissingInflatedId")
 @Override
 protected void onCreate(Bundle savedInstanceState) {
 super.onCreate(savedInstanceState);
 EdgeToEdge.*enable*(this);
 setContentView(R.layout.*activity\_main2*);
 ViewCompat.*setOnApplyWindowInsetsListener*(findViewById(R.id.*main*), (v, insets) -> {
 Insets systemBars = insets.getInsets(WindowInsetsCompat.Type.*systemBars*());
 v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bottom);
 return insets;
 });
 lv\_ogrenciler=findViewById(R.id.*listview*);
 adapter=new ArrayAdapter<>(this, android.R.layout.*simple\_list\_item\_1*,tumogrenciler);

 lv\_ogrenciler.setAdapter(adapter);

 try {
 InputStreamReader isr = new InputStreamReader(openFileInput(dosya));
 BufferedReader reader=new BufferedReader(isr);

 String[] notlar;
 int s1,s2,sonsinav;
 double toplam;
 String satiroku;
 while ((satiroku=reader.readLine())!=null){

 notlar=satiroku.split(" ");
 s1=Integer.*parseInt*(notlar[1]);
 s2=Integer.*parseInt*(notlar[2]);
 sonsinav=Integer.*parseInt*(notlar[3]);
 toplam=(s1+s2+sonsinav)/3.0;

 satiroku=satiroku+" "+toplam;

 tumogrenciler.add(satiroku);

 }
 reader.close();
 adapter.notifyDataSetChanged();

 } catch (IOException e) {
 throw new RuntimeException(e);
 }

 }
}