Nama : Anro meida Bayu Samudra

NIM : 20210810152

Kelas : TINFC-2021-04

Tugas modul 3

1. **Script java**
2. package com.example.modul3;  
     
   import android.app.AlertDialog;  
   import android.content.DialogInterface;  
   import android.os.Bundle;  
   import android.text.Editable;  
   import android.text.TextWatcher;  
   import android.view.View;  
   import android.widget.ArrayAdapter;  
   import android.widget.AutoCompleteTextView;  
   import android.widget.EditText;  
   import android.graphics.Color;  
     
   import androidx.appcompat.app.AppCompatActivity;  
     
   public class MainActivity extends AppCompatActivity implements TextWatcher {  
    AutoCompleteTextView ac;  
    public String[] stringdatafak = {"Teknik Informatika", "Sistem Informasi", "Desain Komunikasi Visual", "Manajemen Informatika"};  
    EditText lv;  
     
    @Override  
    public void onCreate(Bundle savedInstanceState) {  
    super.onCreate(savedInstanceState);  
    setContentView(R.layout.*activity\_main*);  
    ac = (AutoCompleteTextView) findViewById(R.id.*dataautocomplete*);  
    ac.addTextChangedListener(this);  
    ac.setAdapter(new ArrayAdapter<String>(this,  
    android.R.layout.*simple\_dropdown\_item\_1line*, stringdatafak));  
    }  
     
    protected void onPause() {  
    super.onPause();  
    // Change background color when app goes to the background  
    getWindow().getDecorView().setBackgroundColor(Color.*BLUE*); // Change to any color you desire  
    }  
     
    public void pilihfakultas(View v) {  
    lv = (EditText)  
    findViewById(R.id.*datalistview*);  
    AlertDialog.Builder builder = new AlertDialog.Builder(this);  
    builder.setTitle("Data Program Studi di Fakultas Ilmu Komputeer Universitas Kuningan");  
    builder.setItems(stringdatafak, new DialogInterface.OnClickListener() {  
    public void onClick(DialogInterface dialog, int item) {  
    lv.setText(stringdatafak[item]);  
    dialog.dismiss();  
    }  
    }).show();  
    }  
     
    public void onTextChanged(CharSequence s, int start, int before, int count) {  
    }  
     
    public void beforeTextChanged(CharSequence s, int start, int count, int after) {  
    }  
     
    public void afterTextChanged(Editable s) {  
    }  
   }

**2. Script xml :**

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="fill\_parent" android:layout\_height="fill\_parent"  
 android:orientation="vertical">  
 <AutoCompleteTextView  
 android:id="@+id/dataautocomplete"  
 android:padding="20dp"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
 android:completionThreshold="3"  
 android:hint="AutoComplete - Ketikkan nama fakultas" />  
 <EditText android:id="@+id/datalistview"  
 android:padding="20dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:onClick="pilihfakultas"  
 android:focusableInTouchMode="false"  
 android:hint="ListView - Klik dan pilih nama program studi"  
 />  
</LinearLayout>