



## **North South University**

Department of Electrical & Computer Engineering

**Course No : CSE 299 Sec : 18**

**Faculty : Ms. Tanzilah Noor Shabnam**

Project Weekly progress 05

Group Name: Syntax

### **Member 1 :**

**Name : Kh Md Nazmul Hossain**

**ID : 2021894642**

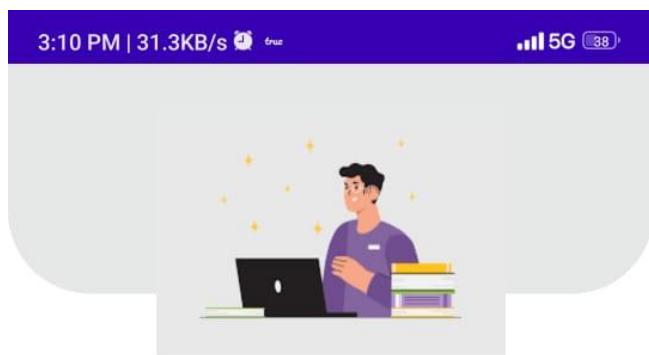
The progress of the weekly report 05:

Work on admin app:



Give icon of this two.

Admin panel log in:



## Admin Pannel

Login your account

gmail (Own mail format)

Password (min 6 Charachter)

LOGIN

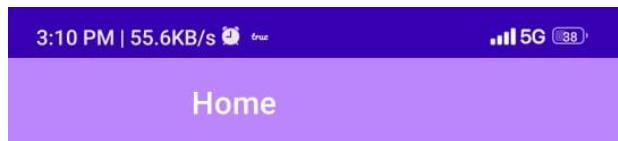
Don't have an account?

[CLICK](#)

[Forget me](#)



## Interface:



Click option for add news

Polytical

Entertainment

National

Sports

Arts Science

Log Out



## Polytical news admin panel:

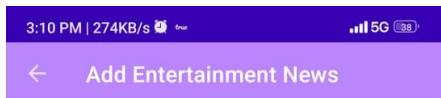


Title

description

SUBMIT

## Entertainment new admin panel:



Title

description

SUBMIT



## National news admin panel:



Title

SUBMIT

## Sports news admin panel:



Title

description

SUBMIT

## Arts and Science news admin panel:



Title

description

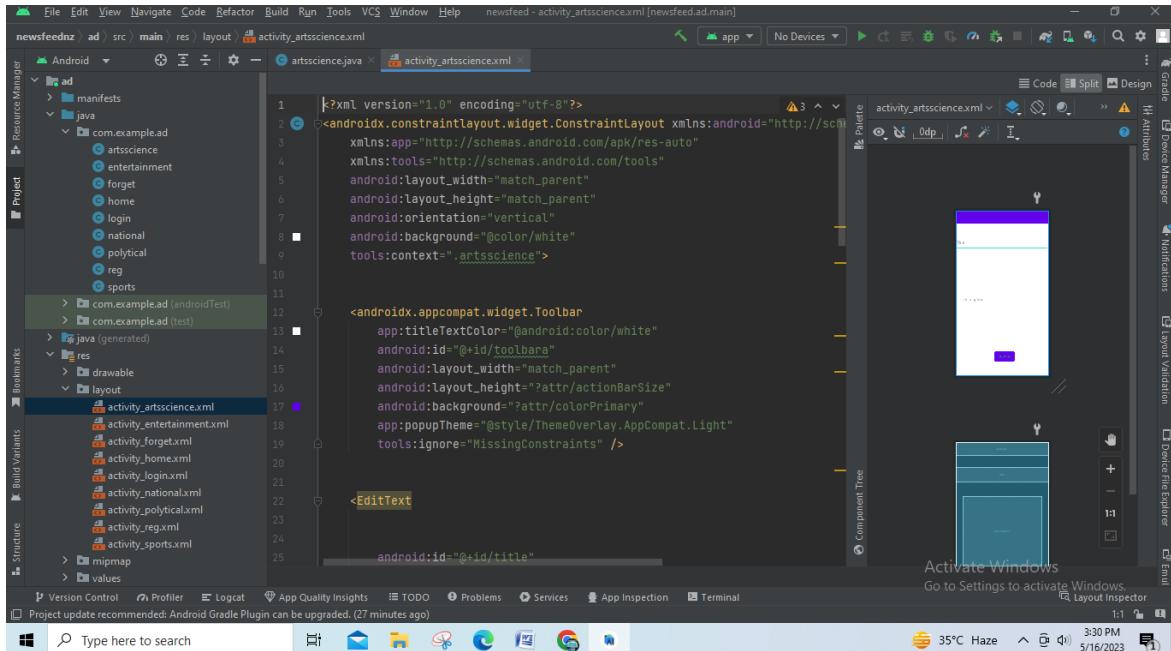
SUBMIT



## XML and JAVA:

### Art and science:

#### Xml:

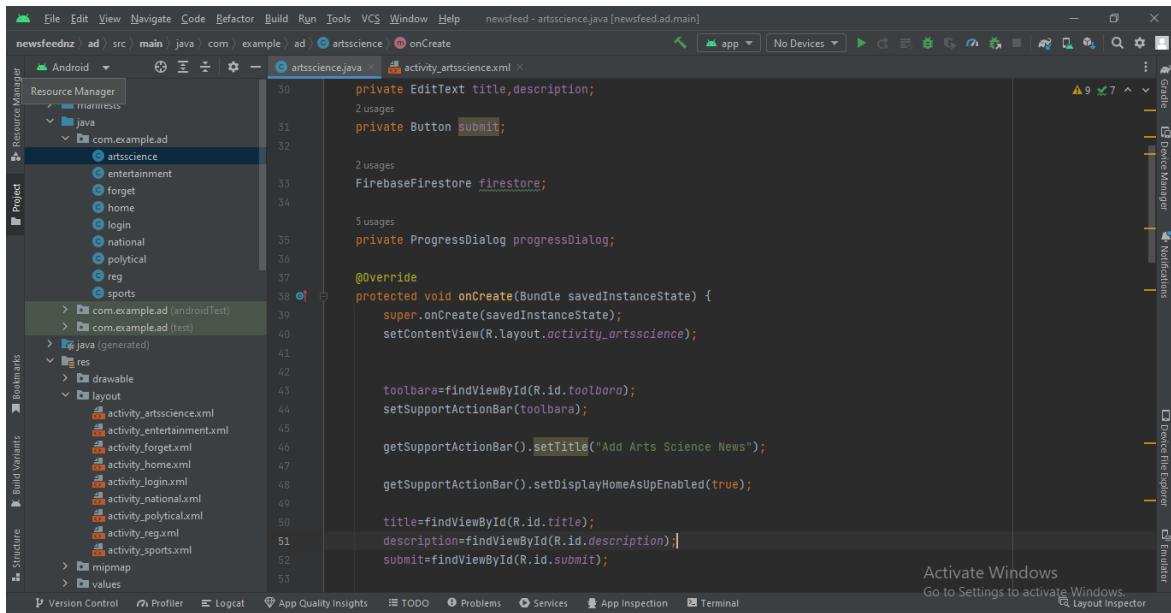


```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res-auto"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:background="@color/white"
    tools:context=".artscience">

    <androidx.appcompat.widget.Toolbar
        app:titleTextColor="@android:color/white"
        android:id="@+id/toolbars"
        android:layout_width="match_parent"
        android:layout_height="?attr/actionBarSize"
        android:background="?attr/colorPrimary"
        app:popupTheme="@style/ThemeOverlay.AppCompat.Light"
        tools:ignore="MissingConstraints" />

    <EditText
        android:id="@+id/title"
        ...>
```

#### Java:



```
private EditText title,description;
private Button submit;
FirebaseFirestore firestore;
ProgressDialog progressDialog;

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

    toolbara=findViewById(R.id.toolbars);
    setSupportActionBar(toolbara);

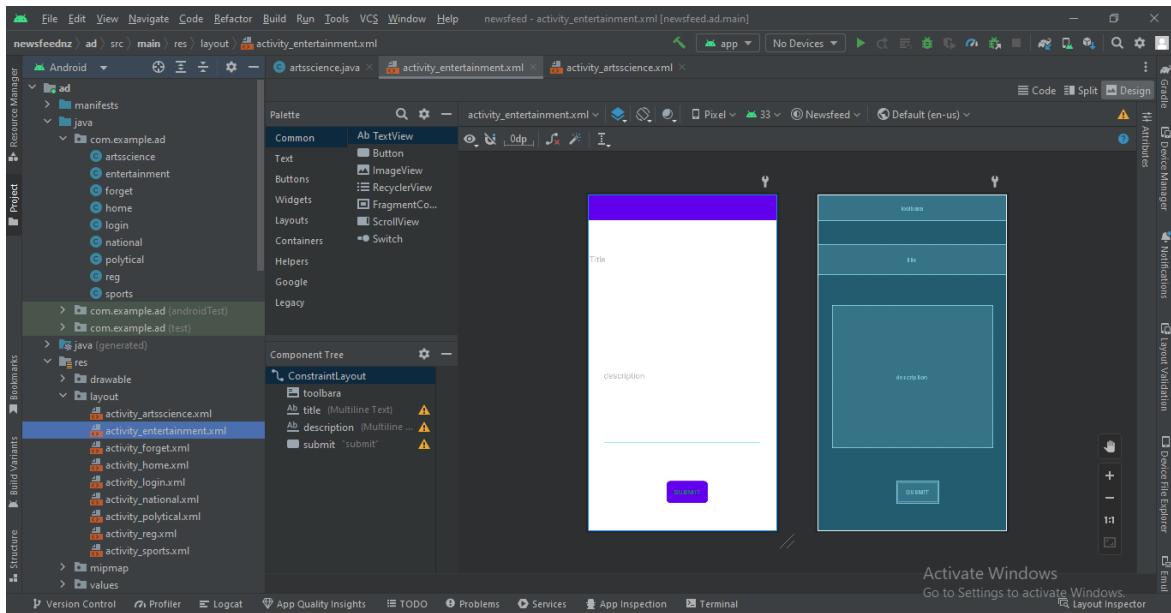
    getSupportActionBar().setTitle("Add Arts Science News");

    getSupportActionBar().setDisplayHomeAsUpEnabled(true);

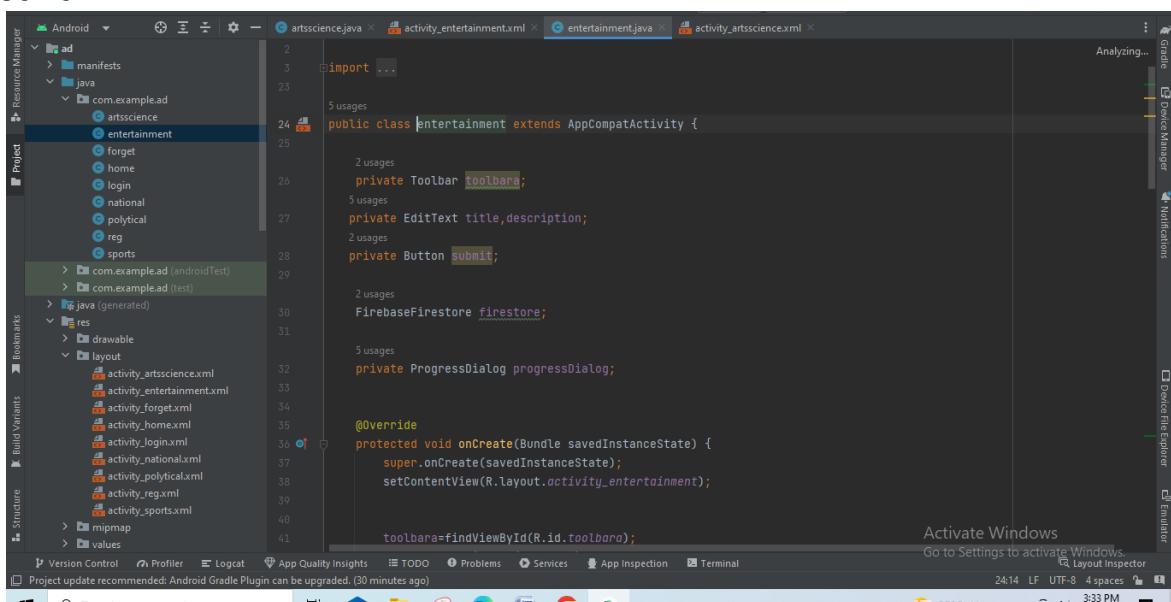
    title=findViewById(R.id.title);
    description=findViewById(R.id.description);
    submit=findViewById(R.id.submit);
```

### Entertainment:

#### Xml:

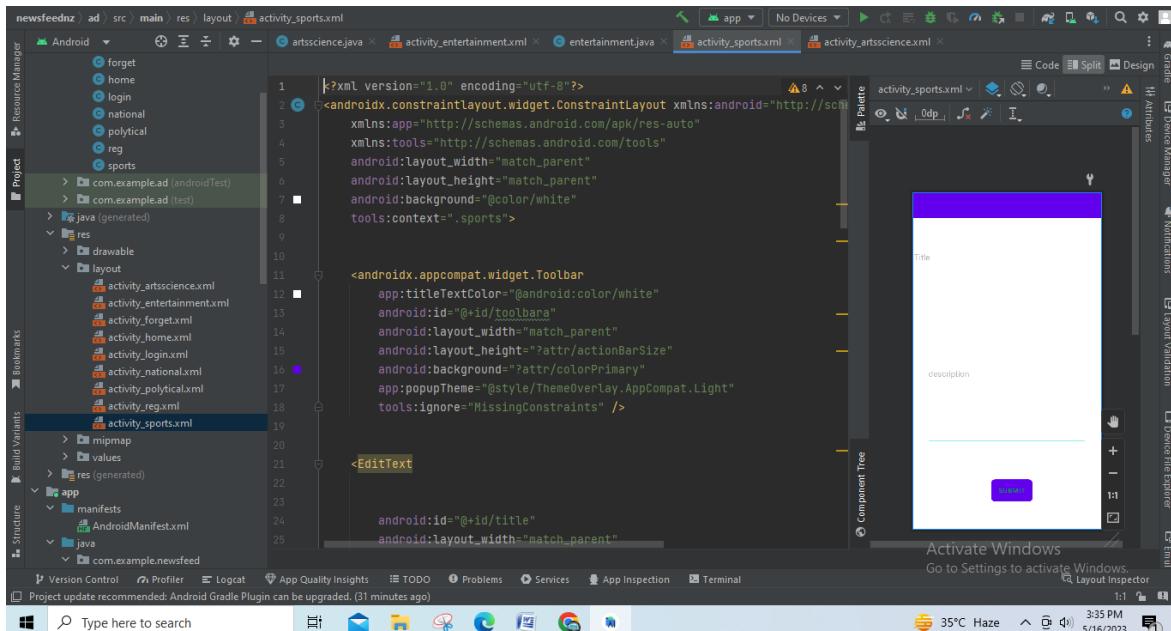


## Java:

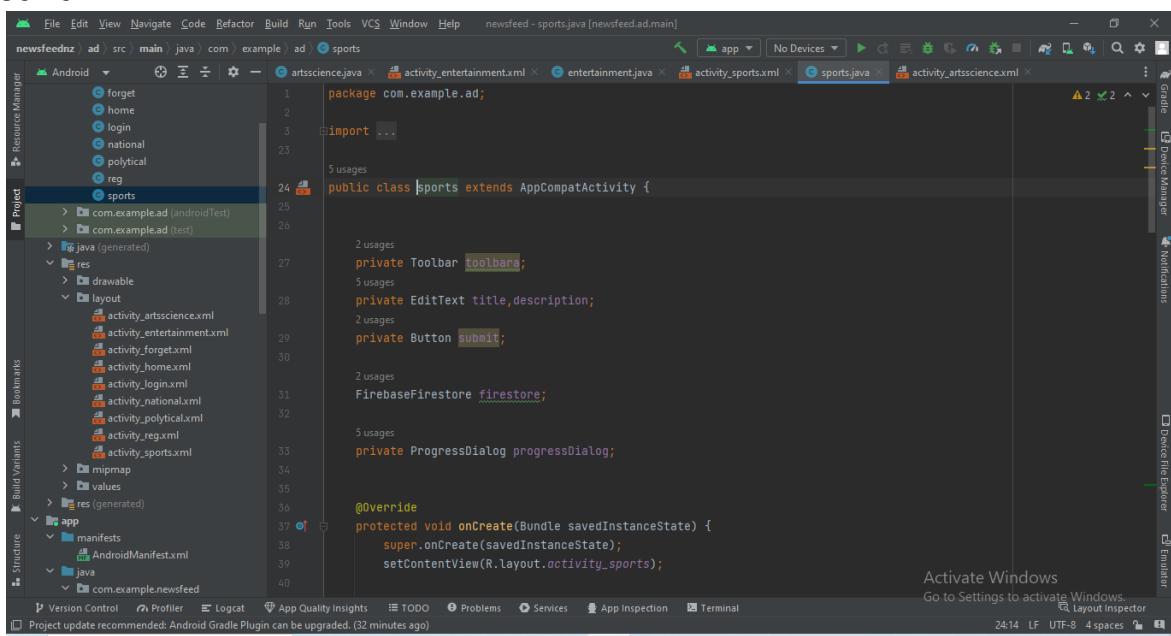


## Sports:

## Xml:

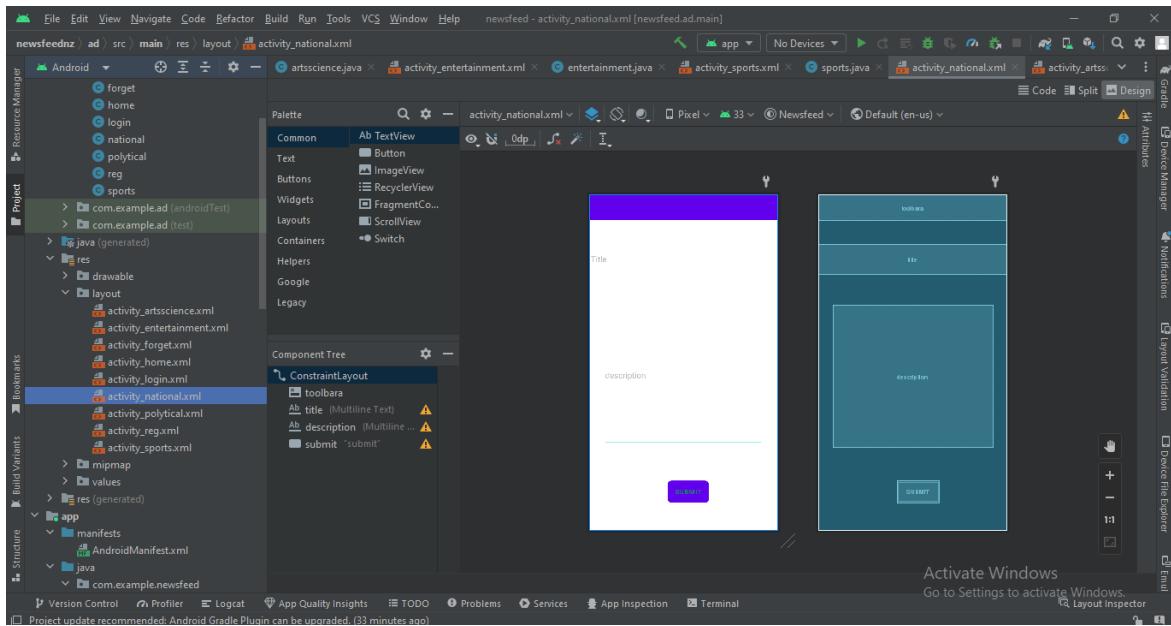


## Java:

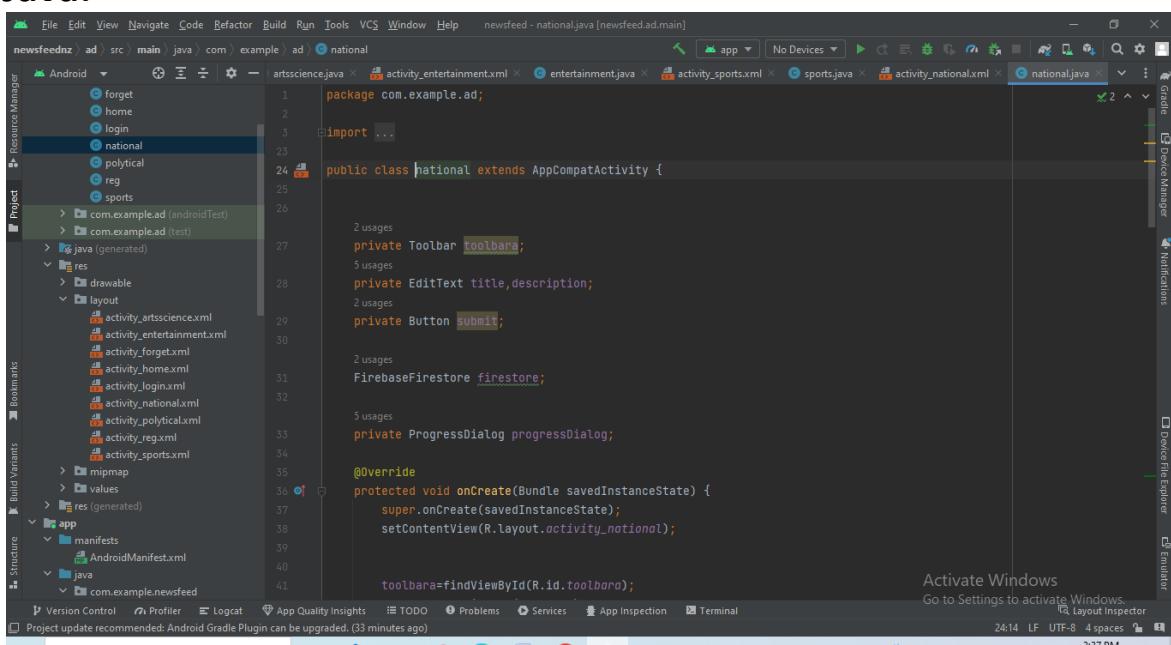


## Natioal:

### Xml:

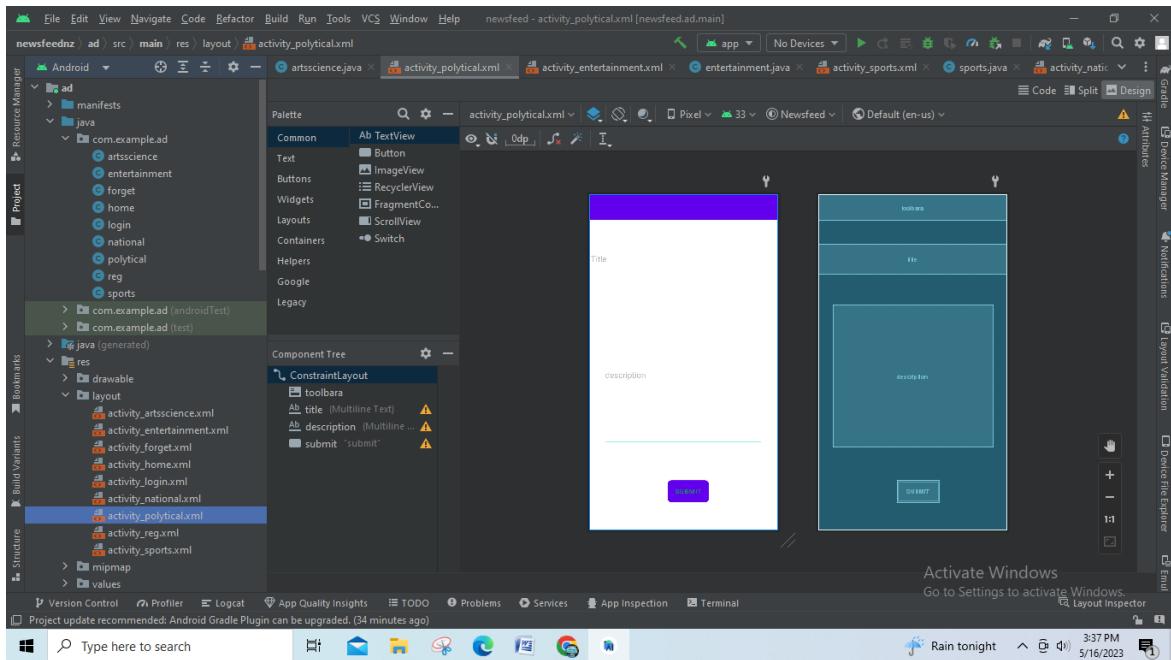


## Java:

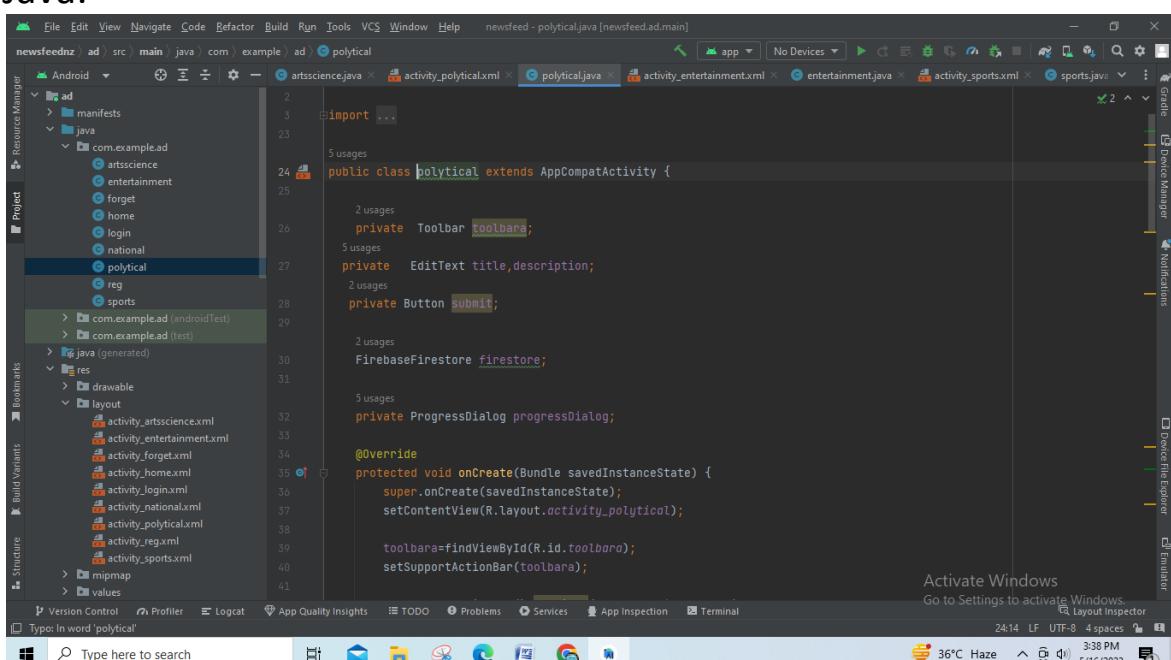


## Political:

## Xml:

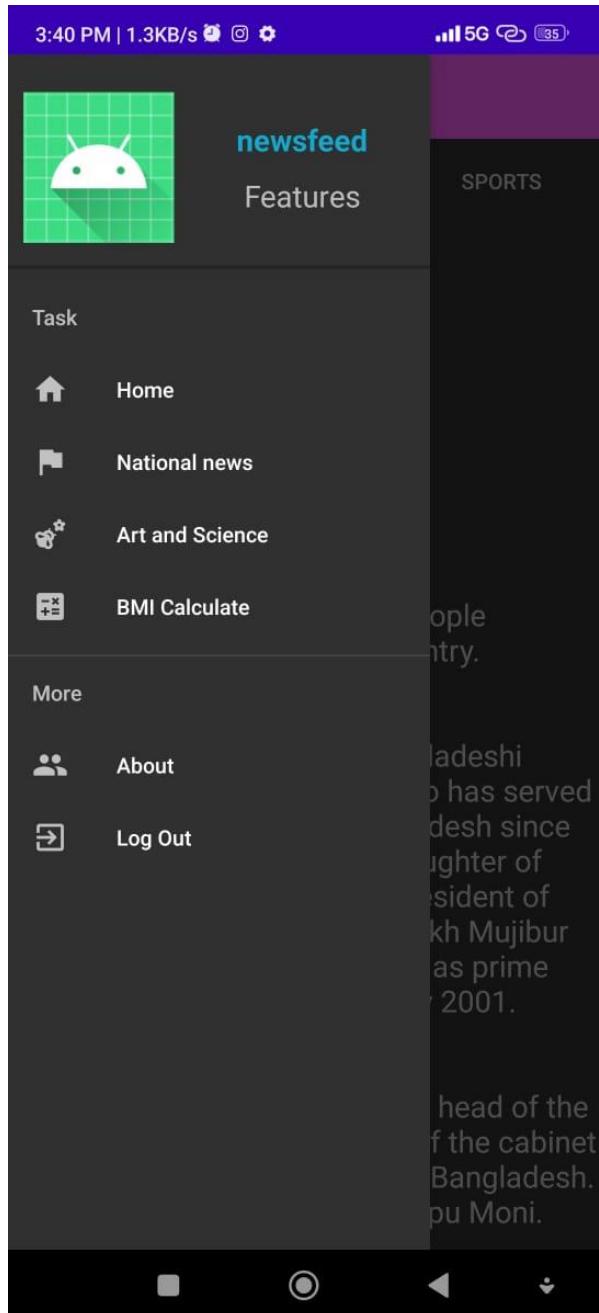


## Java:

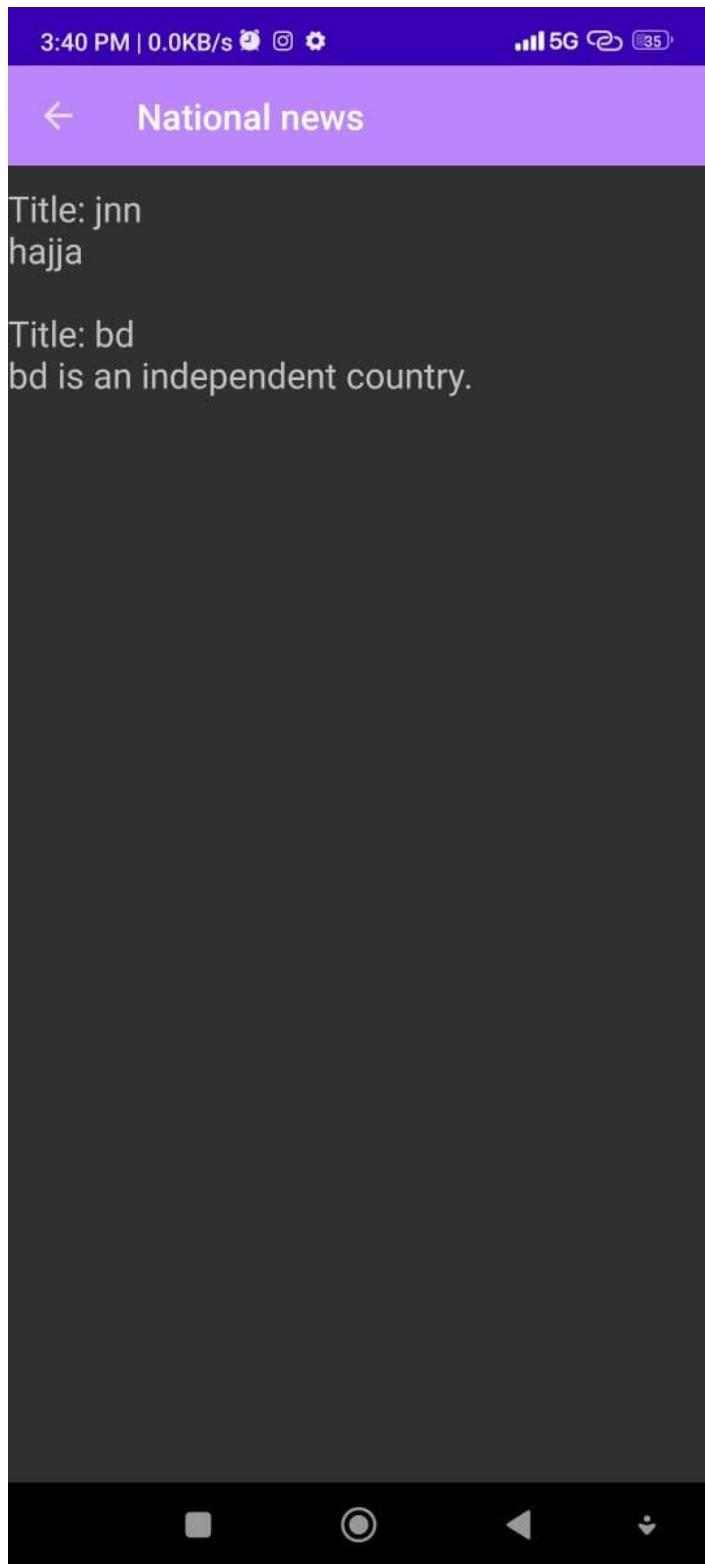


## Newsfeed:

### Homebar:



## News:



3:40 PM | 3.9KB/s 📺 🌐 ⚙

5G 🌐 35%

← Art & Science news

Title: Art is the tool  
the basics

Title: joinal Abedin  
j. a famous artist.



## News Feed

POLITICAL

ENTERTAINMENT

SPORTS

Title: Ec must do impoer votes  
Business as usal approach

Title: ajkallw  
nakkakam

Title: Haij  
jjj

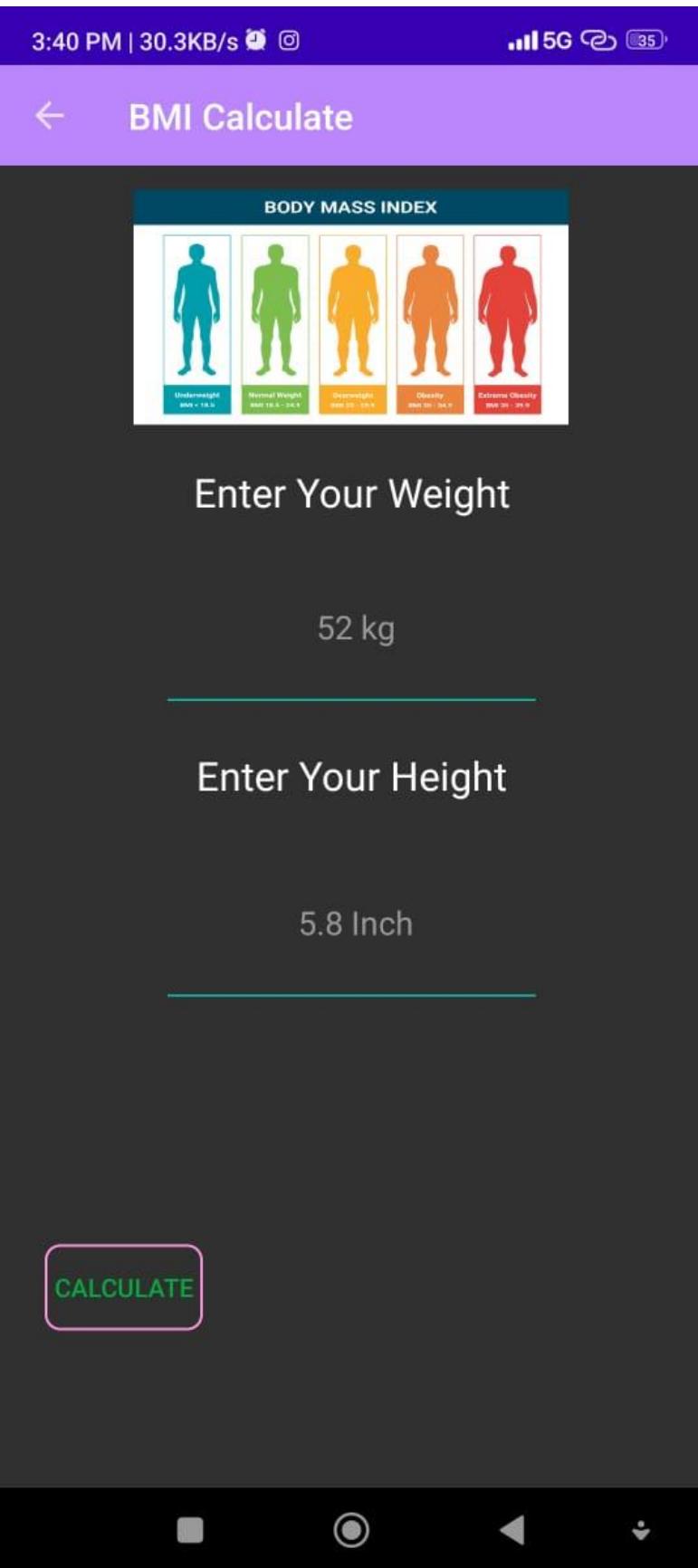
Title: Quader  
The percentage of ultra-poor people  
decreasing gradually in the country.

Title: bd prime minister  
Sheikh Hasina Wazed is a Bangladeshi  
politician and stateswoman who has served  
as the Prime Minister of Bangladesh since  
January 2009. Hasina is the daughter of  
the founding father and first President of  
Bangladesh, Bangabandhu Sheikh Mujibur  
Rahman. She previously served as prime  
minister from June 1996 to July 2001.

Title: bd minister of education  
The Minister of Education is the head of the  
Ministry of Education and one of the cabinet  
ministers of the Government of Bangladesh.  
Current education minister is Dipu Moni.



## BMI:



## About:

3:40 PM | 1.0KB/s 📺 🎟 🔍 ⚙️      5G 🔋 35%

◀ About

University Project



Instructor



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Under Instructor



Kh MD Nazmul Hossain  
Student  
North South University  
✉ emonemon630@gmail  
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Rate

★ ★ ★ ★ ★

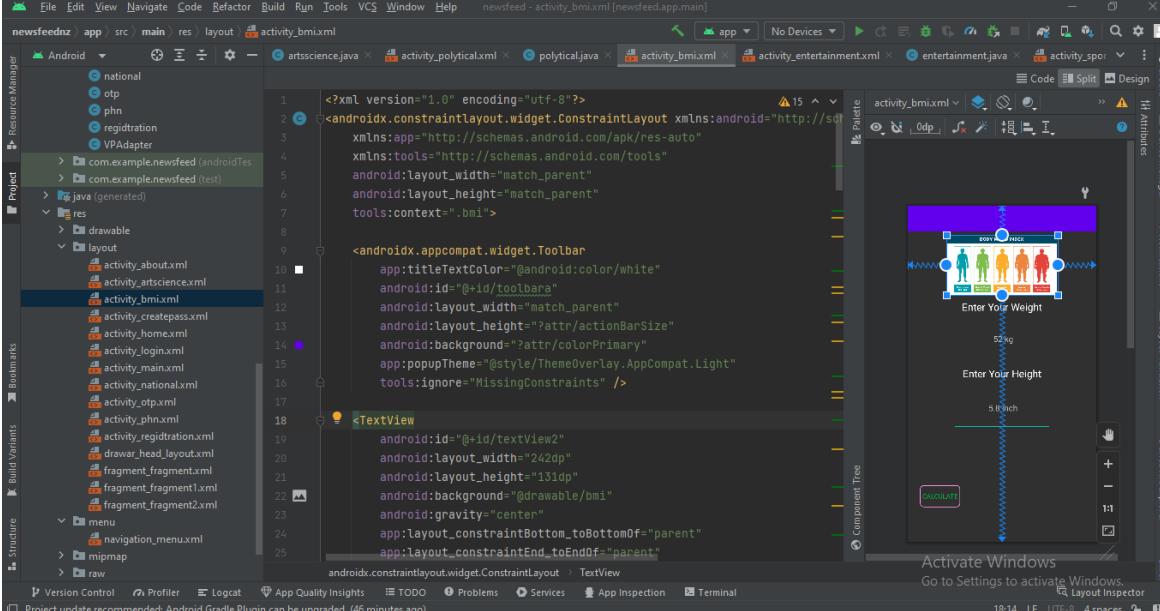
Rating value : 0

■ ○ ◀ ▶ ⏪

## XML and Java:

### BMI:

#### XML:



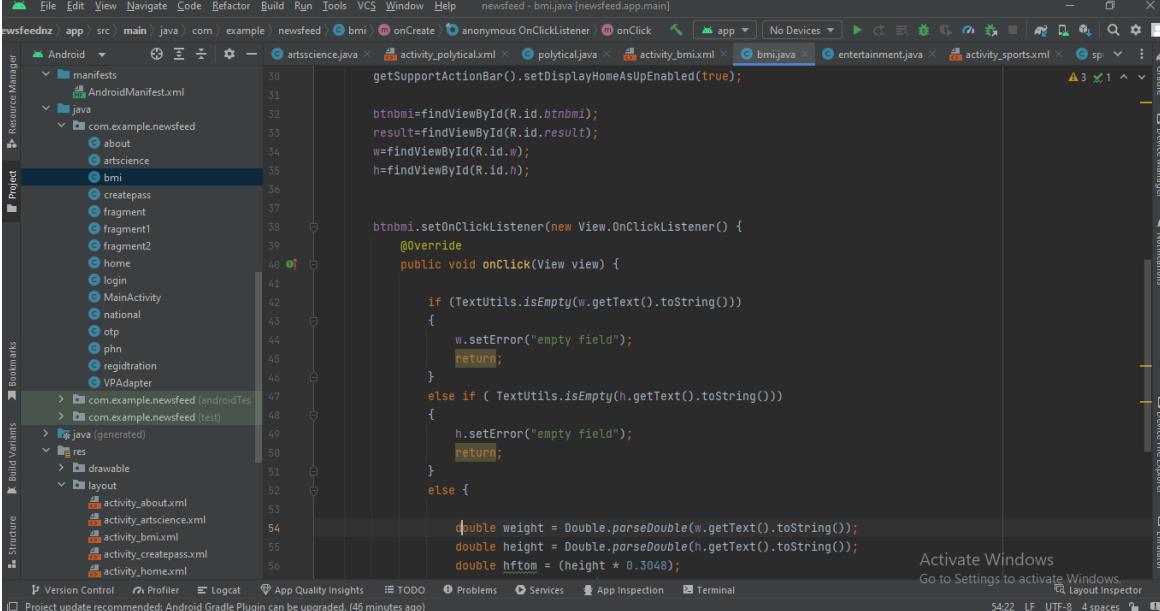
```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res-auto"
    xmlns:app="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".bmi">

    <androidx.appcompat.widget.Toolbar
        android:titleTextColor="@android:color/white"
        android:id="@+id/toolbar"
        android:layout_width="match_parent"
        android:layout_height="?attr/actionBarSize"
        android:background="?attr/colorPrimary"
        app:popupTheme="@style/ThemeOverlay.AppCompat.Light"
        tools:ignore="MissingConstraints" />

    <TextView
        android:id="@+id/textView2"
        android:layout_width="242dp"
        android:layout_height="131dp"
        android:background="@drawable/bmi"
        android:gravity="center"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout>
```

### Java:



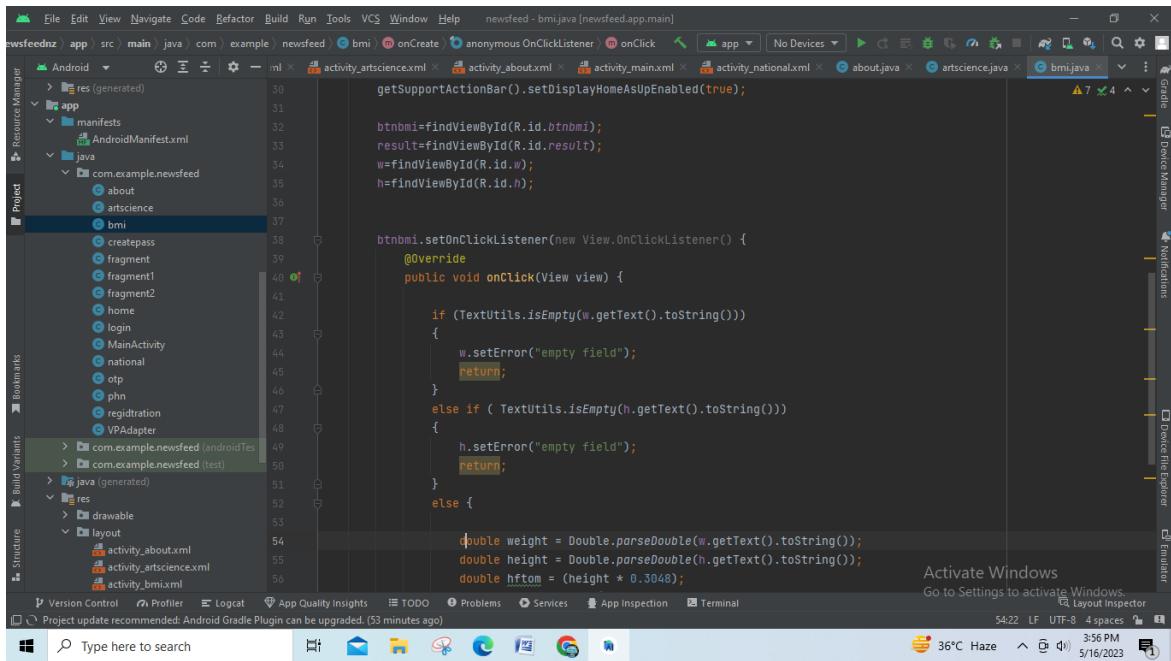
```
getSupportActionBar().setDisplayHomeAsUpEnabled(true);

bttnbmi=findViewById(R.id.btnbmi);
result=findViewById(R.id.result);
w=findViewById(R.id.w);
h=findViewById(R.id.h);

bttnbmi.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {

        if (TextUtils.isEmpty(w.getText().toString()))
        {
            w.setError("empty field");
            return;
        }
        else if (TextUtils.isEmpty(h.getText().toString()))
        {
            h.setError("empty field");
            return;
        }
        else {

            double weight = Double.parseDouble(w.getText().toString());
            double height = Double.parseDouble(h.getText().toString());
            double htcm = (height * 0.3048);
            double bmi = weight / (htcm * htcm);
            result.setText("Your BMI is " + bmi);
        }
    }
});
```



```
getSupportActionBar().setDisplayHomeAsUpEnabled(true);

btnbmi=findViewById(R.id.btnbmi);
result=findViewById(R.id.result);
w=findViewById(R.id.w);
h=findViewById(R.id.h);

btnbmi.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {

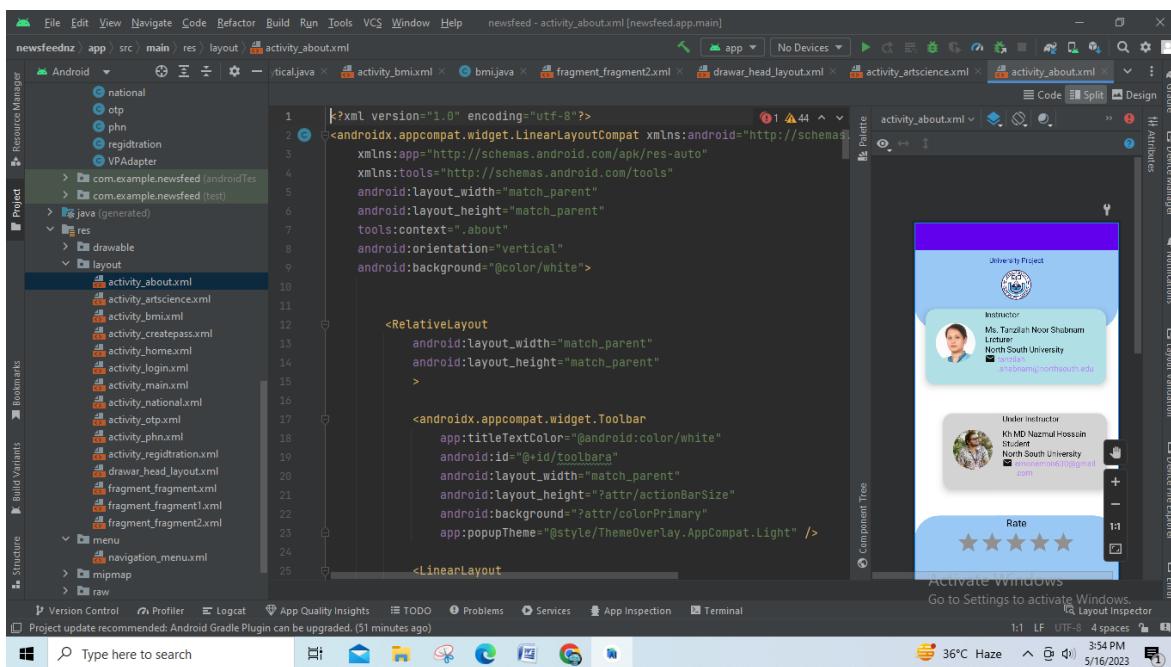
        if (TextUtils.isEmpty(w.getText().toString()))
        {
            w.setError("empty field");
            return;
        }
        else if (TextUtils.isEmpty(h.getText().toString()))
        {
            h.setError("empty field");
            return;
        }
        else {

            double weight = Double.parseDouble(w.getText().toString());
            double height = Double.parseDouble(h.getText().toString());
            double hftm = (height * 0.3048);
            result.setText(String.valueOf((weight / (hftm * hftm))));

            if (result.getText().toString().contains("-"))
                result.setText(result.getText().toString().substring(1));
        }
    }
});
```

## About :

## Xml:



```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res-auto"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".about"
    android:orientation="vertical"
    android:background="@color/white">

    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        >

        <androidx.appcompat.widget.Toolbar
            android:id="@+id/toolBar"
            android:layout_width="match_parent"
            android:layout_height="?attr/actionBarSize"
            android:background="@attr/colorPrimary"
            app:popupTheme="@style/ThemeOverlay.AppCompat.Light" />

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:padding="10dp"
            >
```

## Java:

The screenshot shows the Java code for the 'about' activity in the 'newsfeed' project. The code imports various Android components and defines the 'about' activity which extends AppCompatActivity. It includes a toolbar and sets the support action bar title to "About".

```
import android.content.Intent;
import android.net.Uri;
import android.os.Bundle;
import android.view.View;
import android.widget.RatingBar;
import android.widget.TextView;

public class about extends AppCompatActivity {

    Toolbar toolbar;
    RatingBar rate;

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

        toolbar = findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);
        getSupportActionBar().setTitle("About");
    }
}
```

## Art and science:

### Xml and java:

The screenshot shows the XML layout code for the 'activity\_artscience.xml' file. It defines a Linear Layout with a Toolbar at the top, a ScrollView below it, and a component tree on the right side.

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.appcompat.widget.LinearLayoutCompat xmlns:android="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    tools:context=".artscience">

    <androidx.appcompat.widget.Toolbar
        android:id="@+id/toolbar"
        android:layout_width="match_parent"
        android:layout_height="?attr/actionBarSize"
        android:background="?attr/colorPrimary"
        app:popupTheme="@style/ThemeOverlay.AppCompat.Light" />

    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        >
```

The screenshot shows the Java code for the `ArtScienceActivity`. The code initializes a toolbar, sets the title, and configures the support action bar. It also defines a variable `artscience` which is later set to the view with ID `R.id.artscience`.

```
import ...  
public class ArtScience extends AppCompatActivity {  
    Toolbar toolbar;  
    TextView artscience;  
    FirebaseFirestore db;  
    @Override  
    protected void onCreate(Bundle savedInstanceState) {  
        super.onCreate(savedInstanceState);  
        setContentView(R.layout.activity_artscience);  
        toolbar = findViewById(R.id.toolbar);  
        setSupportActionBar(toolbar);  
        getSupportActionBar().setTitle("Art & Science news");  
        getSupportActionBar().setDisplayHomeAsUpEnabled(true);  
        artscience=findViewById(R.id.artscience);  
    }  
}
```

## National: Xml and java:

The screenshot shows the XML code for the `activity_national.xml` layout. It defines a vertical linear layout with a toolbar at the top and a scroll view below it.

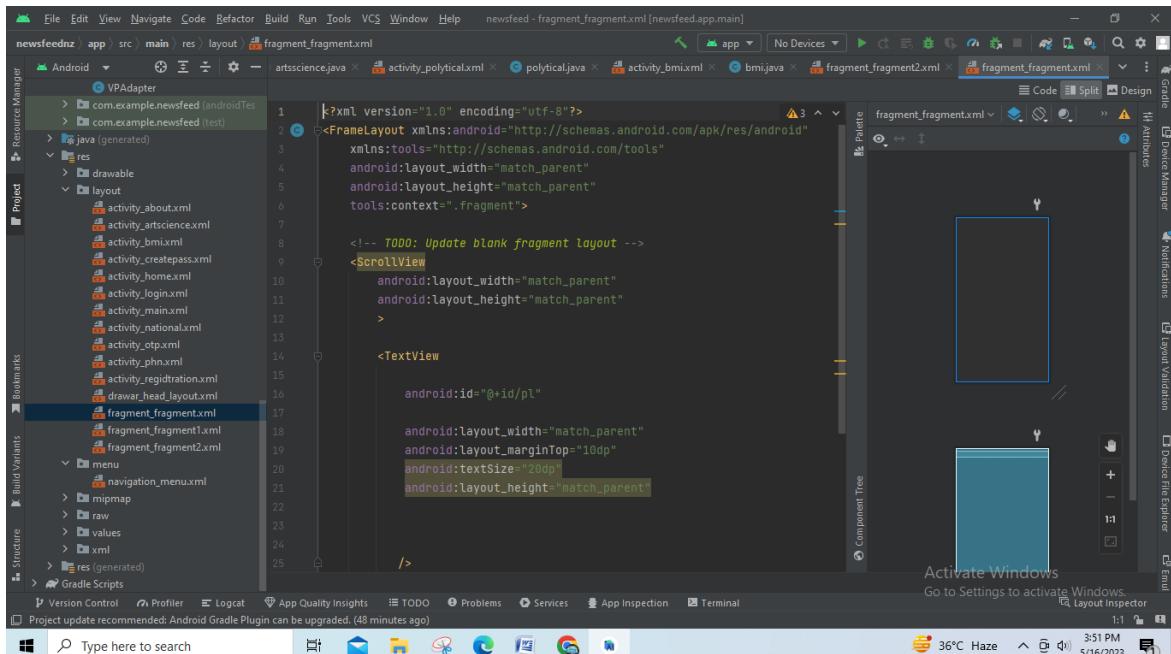
```
<?xml version="1.0" encoding="utf-8"?>  
<androidx.appcompat.widget.LinearLayoutCompat xmlns:android="http://schemas.android.com/apk/res-auto"  
    xmlns:app="http://schemas.android.com/apk/res-auto"  
    android:layout_width="match_parent"  
    android:layout_height="match_parent"  
    android:orientation="vertical"  
    tools:context=".National">   
    <Toolbar  
        app:titleTextColor="@android:color/white"  
        android:id="@+id/toolbar"  
        android:layout_width="match_parent"  
        android:layout_height="?attr/actionBarSize"  
        android:background="?attr/colorPrimary"  
        app:popupTheme="@style/ThemeOverlay.AppCompat.Light" />  
    <ScrollView  
        android:layout_width="match_parent"  
        android:layout_height="match_parent"  
    >  
        <TextView  
            ...>  
    </ScrollView>  
</LinearLayoutCompat>
```

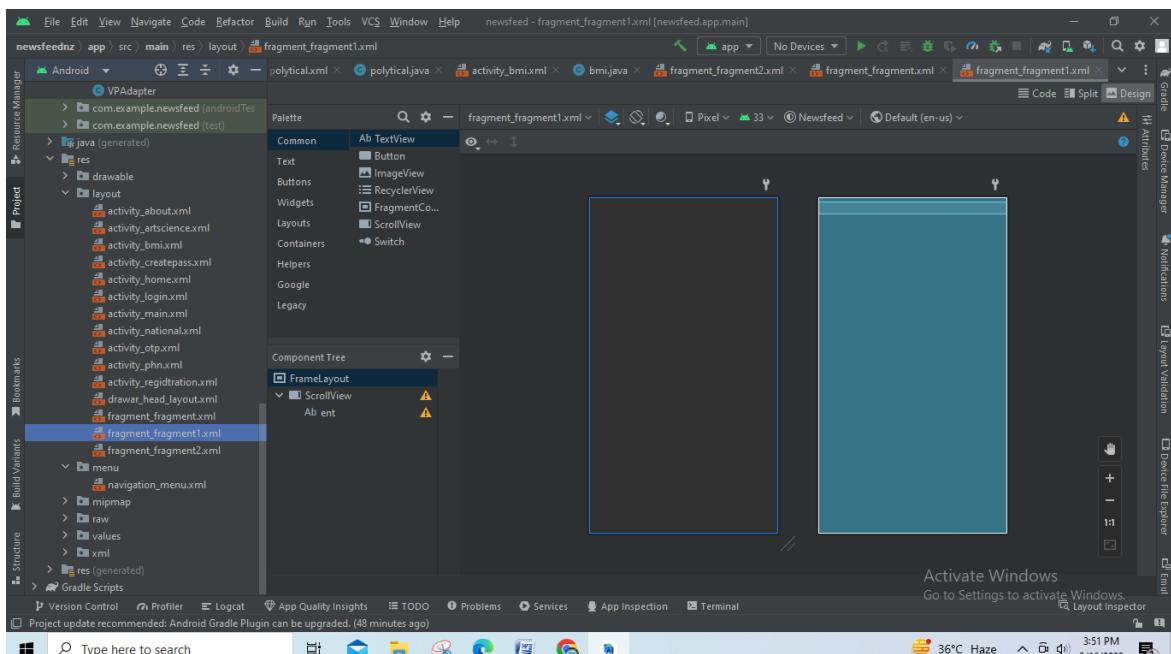
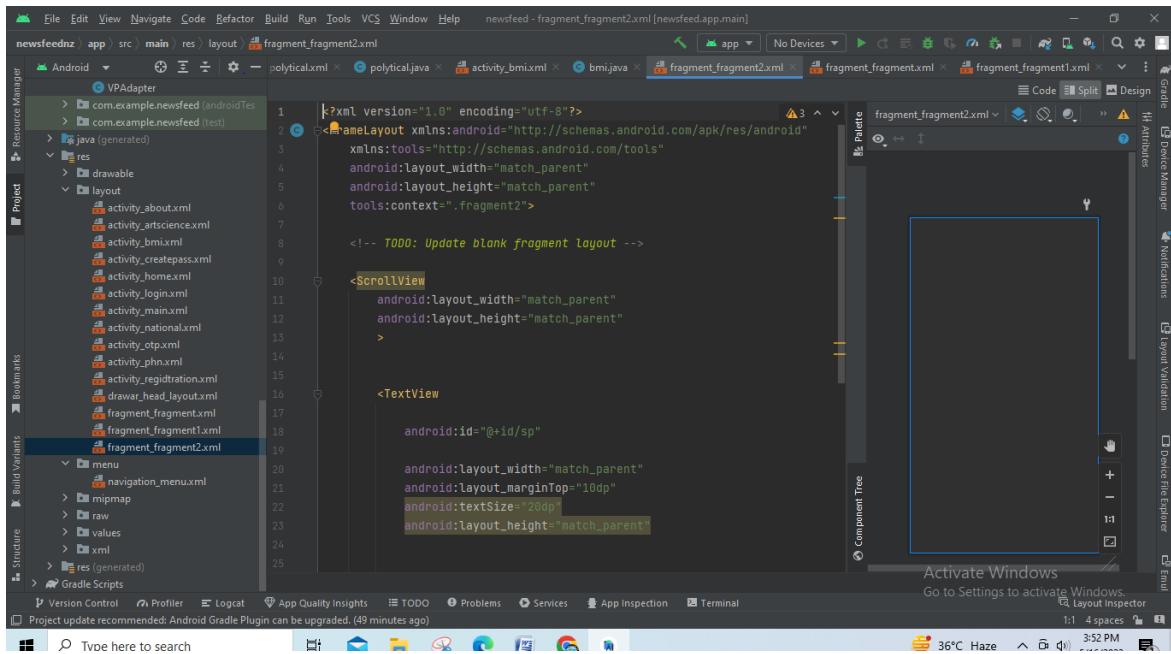
```
package com.example.newsfeed;
import ...;
public class NationalActivity extends AppCompatActivity {
    Toolbar toolbar;
    TextView national;
    FirebaseFirestore db;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_national);
        toolbar = findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);
        getSupportActionBar().setTitle("National news");
        getSupportActionBar().setDisplayHomeAsUpEnabled(true);
        national=findViewById(R.id.national);
        db = FirebaseFirestore.getInstance();
    }
}
```

## Vpa java:

```
public class VPAdapter extends FragmentPagerAdapter {
    private final ArrayList<Fragment> fragmentList = new ArrayList<>();
    private final ArrayList<String> fragmentTitleList = new ArrayList<>();
    public VPAdapter(FragmentManager fm, int behavior) { super(fm, behavior); }
    @NotNull
    @Override
    public Fragment getItem(int position) { return fragmentList.get(position); }
    @Override
    public int getCount() { return fragmentList.size(); }
    public void addFragment(Fragment fragment, String title) {
        fragmentList.add(fragment);
        fragmentTitleList.add(title);
    }
    @Override
    public CharSequence getPageTitle(int position) { return fragmentTitleList.get(position); }
}
```

## Fragment xml and java:





Java:

The screenshot shows the Android Studio interface with the code editor open to `fragment.java`. The code defines a `Fragment` class that extends `Fragment`. It includes imports for `... , import android.widget.TextView; import com.google.firebase.firestore.FirebaseFirestore;`. The `onCreateView` method inflates the layout `R.layout.fragment_fragment` and finds a `TextView` with ID `R.id.pl`. A `FirebaseFirestore db` variable is also declared.

```
import ...  
import android.widget.TextView;  
import com.google.firebase.firestore.FirebaseFirestore;  
  
public class fragment extends Fragment {  
  
    TextView pl;  
    FirebaseFirestore db;  
  
    @Override  
    public View onCreateView(LayoutInflater inflater, ViewGroup container,  
            Bundle savedInstanceState) {  
  
        // Inflate the layout for this fragment  
        //return  
        View view = inflater.inflate(R.layout.fragment_fragment, container, false);  
  
        pl = view.findViewById(R.id.pl);  
  
        return view;  
    }  
}
```

The screenshot shows the Android Studio interface with the code editor open to `fragment1.java`. The code defines a `Fragment` class that extends `Fragment`. It includes imports for `... , import android.widget.TextView; import com.google.firebase.firestore.FirebaseFirestore;`. The `onCreateView` method inflates the layout `R.layout.fragment_fragment1` and finds a `TextView` with ID `R.id.ent`. It then uses `FirebaseFirestore db` to query the `entertainment` collection. If successful, it iterates through the documents to access document data.

```
import ...  
import android.widget.TextView;  
import com.google.firebase.firestore.FirebaseFirestore;  
  
public class fragment1 extends Fragment {  
  
    TextView ent;  
    FirebaseFirestore db;  
  
    @Override  
    public View onCreateView(LayoutInflater inflater, ViewGroup container,  
            Bundle savedInstanceState) {  
  
        View view = inflater.inflate(R.layout.fragment_fragment1, container, false);  
  
        ent = view.findViewById(R.id.ent);  
  
        db = FirebaseFirestore.getInstance();  
  
        db.collection("entertainment").get().addOnCompleteListener(task -> {  
            if (task.isSuccessful()) {  
                StringBuilder sbent = new StringBuilder();  
                for (QueryDocumentSnapshot document : task.getResult()) {  
                    // Access document data  
                }  
            }  
        });  
    }  
}
```

The screenshot shows the Android Studio interface with the code editor open to `fragment2.java`. The code implements a fragment that inflates a layout and initializes a Firebase Firestore instance.

```
package com.example.newsfeed;
import ...;
public class Fragment2 extends Fragment {
    TextView sp;
    // Access Firestore Instance
    FirebaseFirestore db ;
    @Override
    public View onCreateView(LayoutInflater inflater, ViewGroup container,
                           Bundle savedInstanceState) {
        // Inflate the layout for this fragment
        View view = inflater.inflate(R.layout.fragment_fragment2, container, false);
    }
}
```

The project structure on the left shows files like `activity_main.xml`, `activity_national.xml`, and `fragment1.java`. The bottom status bar indicates it's 3:57 PM, 36°C Haze, and the date is 5/16/2023.

