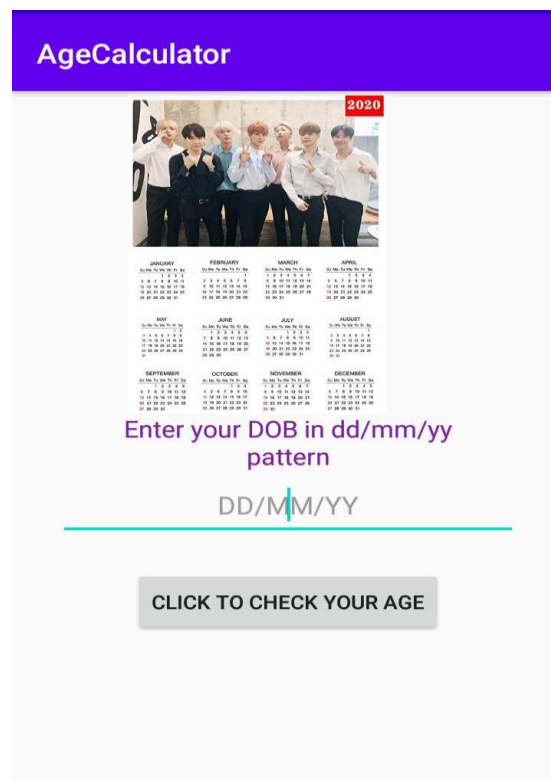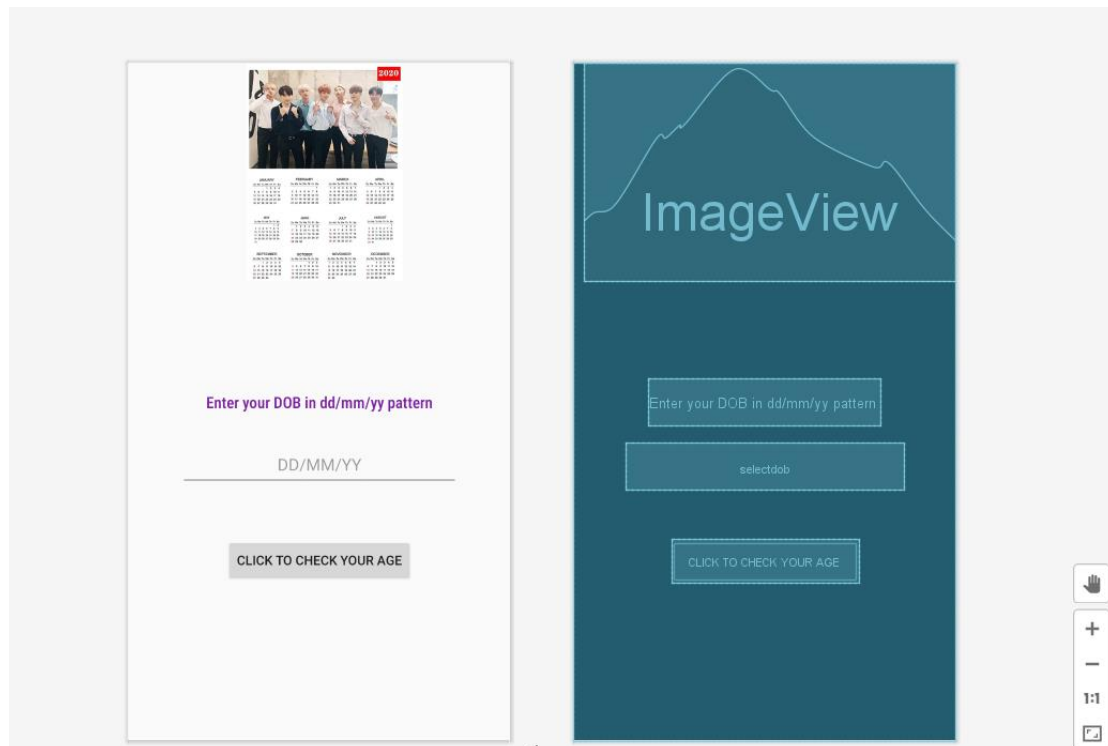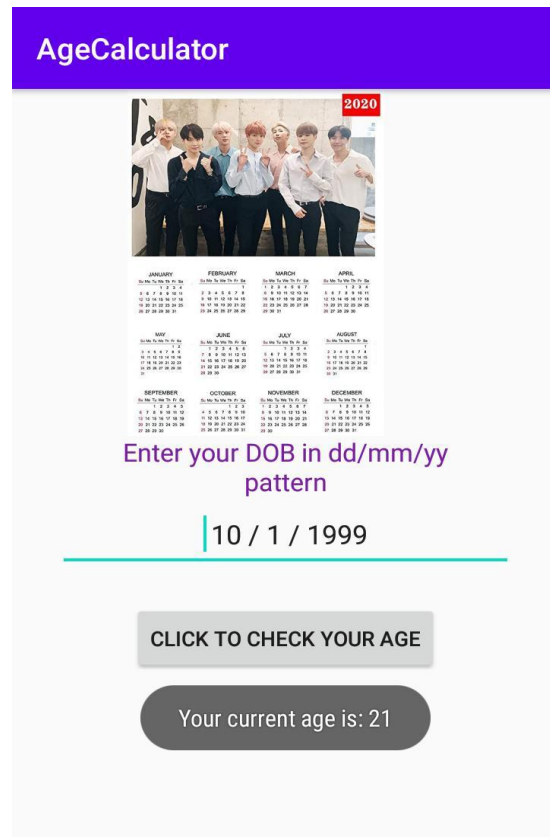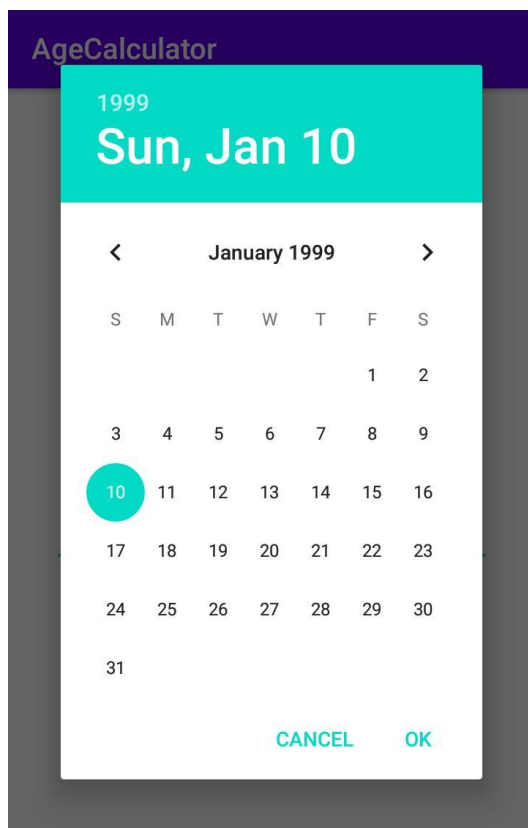**AGE CALCULATOR**

CODE MainActivity.java

```java
package com.example.agecalculator;

import androidx.appcompat.app.AppCompatActivity;

import android.app.DatePickerDialog;
import android.os.Bundle;
import android.view.View;
import android.widget.*;

import java.text.SimpleDateFormat;
import java.util.Calendar;
import java.lang.String;
import java.util.Locale;

public class MainActivity extends AppCompatActivity {
    EditText dob;
    Button c;
    int change;
    final Calendar mycal = Calendar.getInstance();
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        dob = findViewById(R.id.selectdob);
        c = findViewById(R.id.calc);
    }
    public void DOB(View view)
    {
```

```java
        final int day=mycal.get(Calendar.DAY_OF_MONTH);
        final int month=mycal.get(Calendar.MONTH);
        final int myear=mycal.get(Calendar.YEAR);
        DatePickerDialog datePickerDialog=new DatePickerDialog(this, new
DatePickerDialog.OnDateSetListener() {
            @Override
            public void onDateSet(DatePicker view, int year, int month, int
dayOfMonth) {
                dob.setText(" "+dayOfMonth+" / "+(month+1)+" / "+year);
                change=myear-year;
            }
        },day, month, myear);
        datePickerDialog.show();
    }


    public void check(View view)
    {
        Toast.makeText(MainActivity.this,"Your current age is:
"+change,Toast.LENGTH_LONG).show();
    }



}
```

CODE activity_main.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
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="match_parent"
    tools:context=".MainActivity">


    <ImageView
        android:id="@+id/imageView"
        android:layout_width="400dp"
        android:layout_height="235dp"
        android:layout_gravity="center"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.5"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.0"
        app:srcCompat="@drawable/calender" />

    <TextView
        android:id="@+id/age"
        android:layout_width="250dp"
        android:layout_height="50dp"
        android:fontFamily="sans-serif-condensed-medium"
```

```xml
        android:gravity="center"
        android:text="@string/enter_age"
        android:textColor="#7B1FA2"
        android:textSize="17sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintHorizontal_bias="0.5"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.5" />

    <EditText
        android:id="@+id/selectdob"
        android:layout_width="300dp"
        android:layout_height="50dp"
        android:onClick="DOB"
        android:inputType="date"
        android:hint="@string/format"
        android:gravity="center"
        tools:layout_editor_absoluteX="55dp"
        tools:layout_editor_absoluteY="360dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintHorizontal_bias="0.5"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.6"/>

    <Button
        android:id="@+id/calc"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="@string/calc"
        android:onClick="check"
        tools:layout_editor_absoluteX="104dp"
        tools:layout_editor_absoluteY="512dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintHorizontal_bias="0.5"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.75"
        tools:ignore="OnClick" />


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

CODE string.xml

```xml
<resources>
    <string name="app_name">AgeCalculator</string>
    <string name="enter_age">Enter your DOB in dd/mm/yy pattern</string>
    <string name="format">DD/MM/YY</string>
    <string name="calc">Click to check your age</string>
</resources>
```