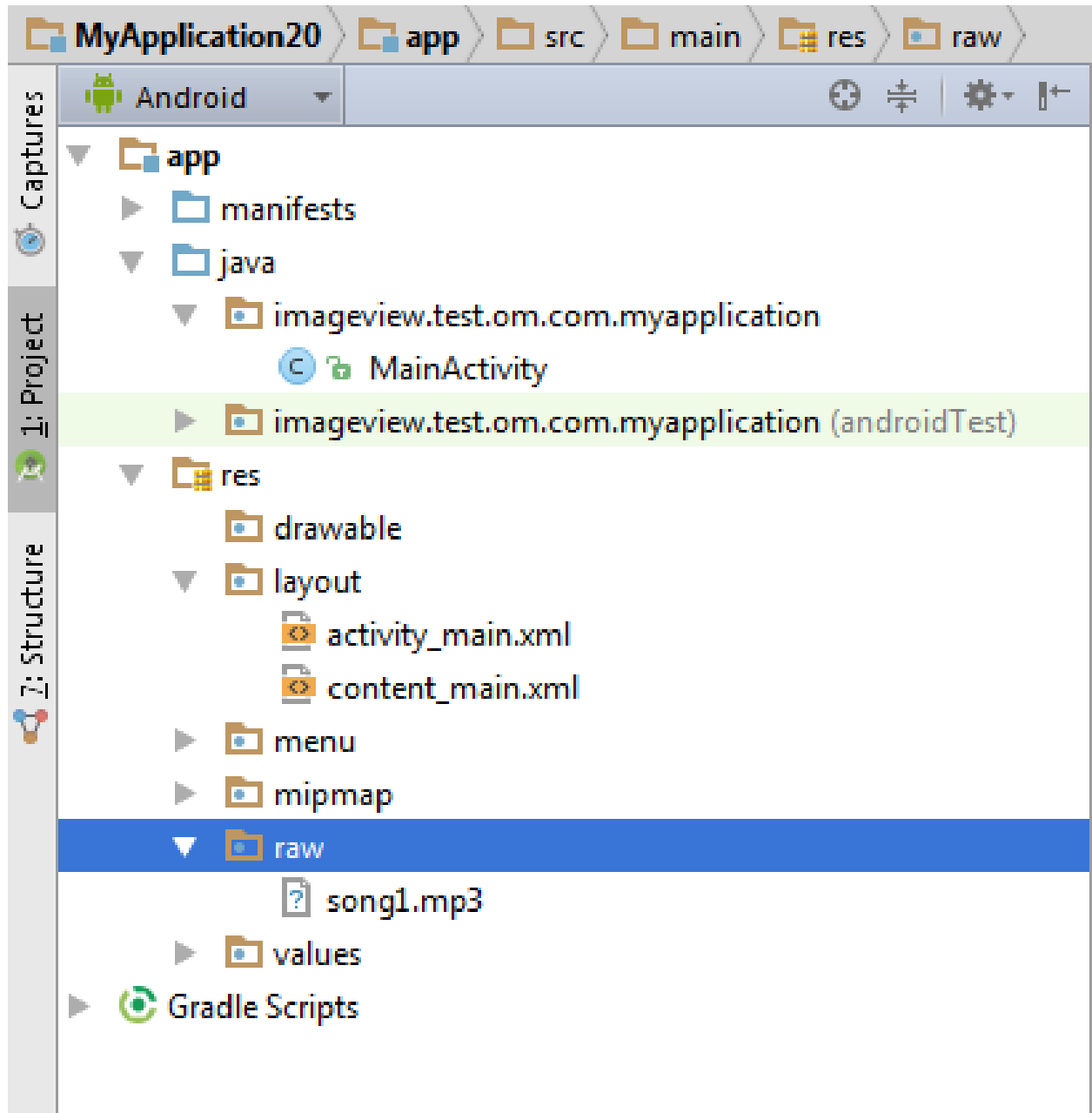


Audio example :



(1)write code for MainActivity.java file:

```

package menu.test.om.com.mypractice;

import android.media.MediaPlayer;
import android.os.Bundle;
import android.support.v7.app.AppCompatActivity;
import android.view.View;
import android.widget.Button;

public class MainActivity extends AppCompatActivity {

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

        Button b=(Button) findViewById(R.id.button);
        b.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                MediaPlayer mp=MediaPlayer.create(MainActivity.this,R.raw.song);
                mp.start();
            }
        });
    }
}

```

(2)write code for activity_main.xml file:

```

<?xml version="1.0" encoding="utf-8"?>

<android.support.design.widget.CoordinatorLayout

    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" android:fitsSystemWindows="true"

    tools:context=".MainActivity">

    <android.support.design.widget.AppBarLayout android:layout_height="wrap_content"

        android:layout_width="match_parent"

        android:theme="@style/AppTheme.AppBarOverlay">

        <android.support.v7.widget.Toolbar android:id="@+id/toolbar"

            android:layout_width="match_parent"

            android:layout_height="?attr/actionBarSize"

            android:background="?attr/colorPrimary"

            app:popupTheme="@style/AppTheme.PopupOverlay" />

```

```
</android.support.design.widget.AppBarLayout>
```

```
<include layout="@layout/content_main" />
```

```
<android.support.design.widget.FloatingActionButton android:id="@+id/fab"  
    android:layout_width="wrap_content" android:layout_height="wrap_content"  
    android:layout_gravity="bottom|end" android:layout_margin="@dimen/fab_margin"  
    android:src="@android:drawable/ic_dialog_email" />
```

```
</android.support.design.widget.CoordinatorLayout>
```

(3) write code content_main.xml file :

```
<?xml version="1.0" encoding="utf-8"?>
```

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

```
    xmlns:tools="http://schemas.android.com/tools"
```

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

```
    android:layout_height="match_parent"  
    android:paddingLeft="@dimen/activity_horizontal_margin"
```

```
    android:paddingRight="@dimen/activity_horizontal_margin"
```

```
    android:paddingTop="@dimen/activity_vertical_margin"
```

```
    android:paddingBottom="@dimen/activity_vertical_margin"
```

```
    app:layout_behavior="@string/appbar_scrolling_view_behavior"
```

```
    tools:showIn="@layout/activity_main" tools:context=".MainActivity">
```

```
<Button
```

```
    android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"
```

```
    android:text="PLAY"
```

```
    android:id="@+id/button"
```

```
    android:layout_marginTop="147dp"
```

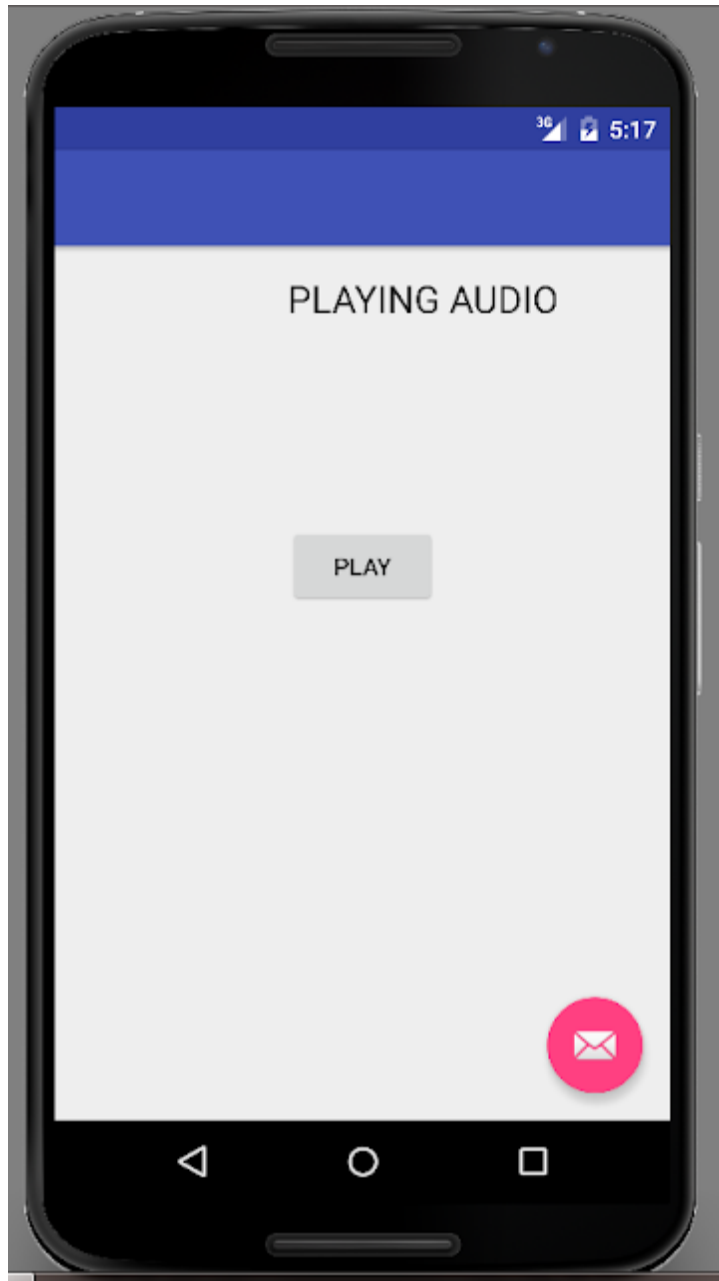
```
    android:layout_alignParentTop="true"
    android:layout_centerHorizontal="true"></Button>
```

```
<TextView
```

```
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textAppearance="?android:attr/textAppearanceLarge"
    android:text="PLAYING AUDIO"
    android:id="@+id/textView"
    android:layout_alignBottom="@+id/button"
    android:layout_alignParentTop="true"
    android:layout_alignLeft="@+id/button"
    android:layout_alignStart="@+id/button" />
```

```
</RelativeLayout>
```

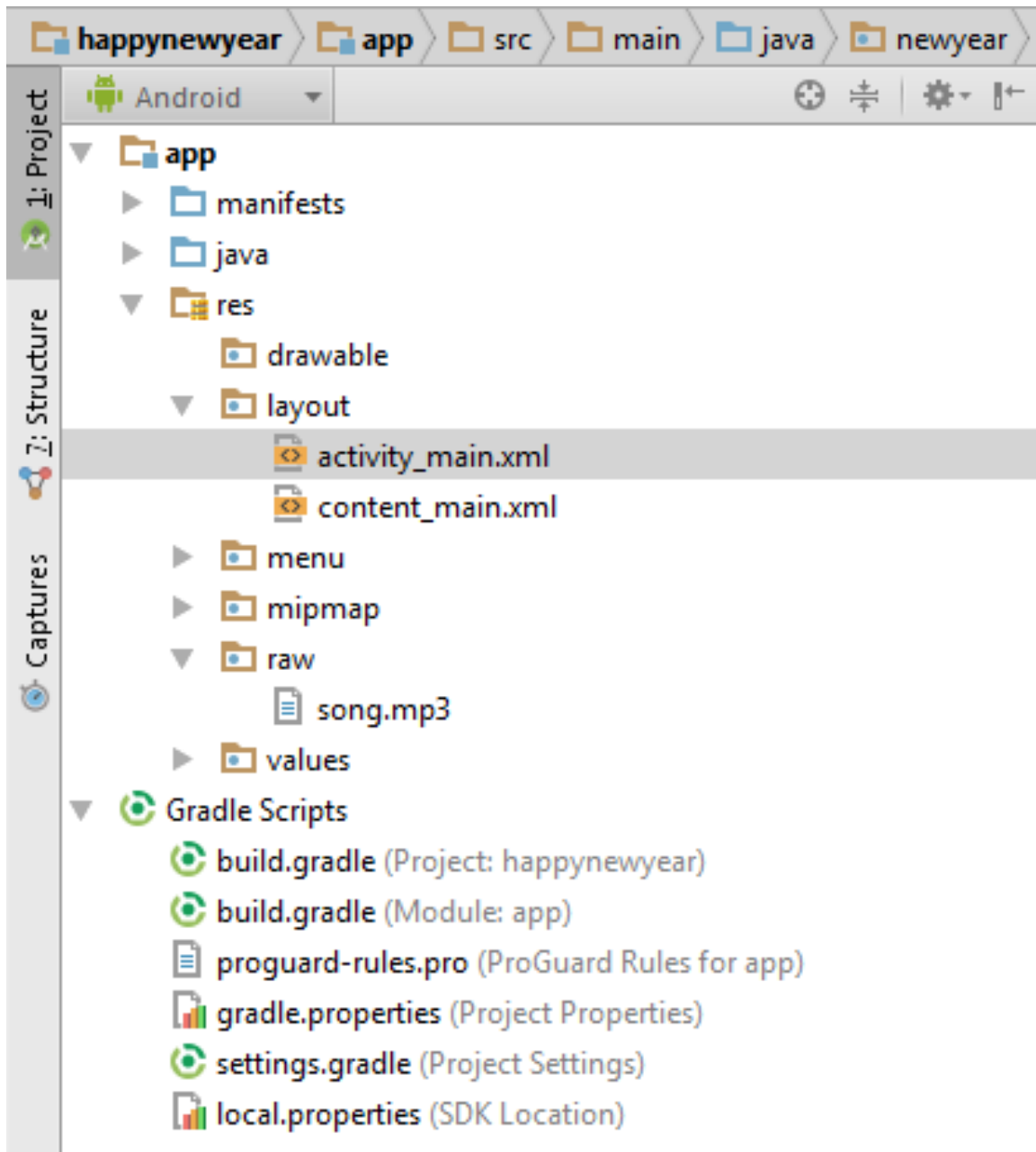
output :



=====

TOGGLE BUTTON example:

=====



(1) write code for MainActivity.java:

```
package newyear.test.om.com.happynewyear;

import android.media.MediaPlayer;
import android.os.Bundle;
import android.support.v7.app.AppCompatActivity;
import android.view.View;
import android.widget.TextView;
import android.widget.ToggleButton;

public class MainActivity extends AppCompatActivity {
    TextView response;
    MediaPlayer mp;
}
```

```

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

    response=(TextView) findViewById(R.id.response);
    response.setText("Click on play to listen surprise word by OM");
    mp=MediaPlayer.create(MainActivity.this,R.raw.song);
    final ToggleButton
playStopButton=(ToggleButton) findViewById(R.id.playstop_btn);
    playStopButton.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View view) {

            if(playStopButton.isChecked())
            {
                response.setText("HAPPY NEW YEAR FROM OM");
                mp.start();
            }
            else
            {
                response.setText("Click on play to listen surprise word by OM");
                mp.pause();
            }
        }
    });
}
}
}

```

(2)write code for activity_main.xml file :

```

<?xml version="1.0" encoding="utf-8"?>

<android.support.design.widget.CoordinatorLayout

    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" android:fitsSystemWindows="true"

    tools:context=".MainActivity">

    <android.support.design.widget.AppBarLayout android:layout_height="wrap_content"

        android:layout_width="match_parent"

        android:theme="@style/AppTheme.AppBarOverlay">

        <android.support.v7.widget.Toolbar android:id="@+id/toolbar"

            android:layout_width="match_parent"

            android:layout_height="?attr/actionBarSize"

```

```

        android:background="?attr/colorPrimary"
app:popupTheme="@style/AppTheme.PopupOverlay" />

</android.support.design.widget.AppBarLayout>

<include layout="@layout/content_main" />

<android.support.design.widget.FloatingActionButton android:id="@+id/fab"

    android:layout_width="wrap_content" android:layout_height="wrap_content"

    android:layout_gravity="bottom|end" android:layout_margin="@dimen/fab_margin"

    android:src="@android:drawable/ic_dialog_email" />

</android.support.design.widget.CoordinatorLayout>

```

(3)write code for content_main.xml file :

```

<?xml version="1.0" encoding="utf-8"?>

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

    xmlns:tools="http://schemas.android.com/tools"

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

    android:layout_width="match_parent"

    android:layout_height="match_parent"

    android:paddingLeft="@dimen/activity_horizontal_margin"

    android:paddingRight="@dimen/activity_horizontal_margin"

    android:paddingTop="@dimen/activity_vertical_margin"

    android:paddingBottom="@dimen/activity_vertical_margin"

    app:layout_behavior="@string/appbar_scrolling_view_behavior"

    tools:showIn="@layout/activity_main" tools:context=".MainActivity">

    <ToggleButton

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:id="@+id/playstop_btn"

        android:textOn="Stop"

        android:textOff="Play"

```



```
android:layout_marginTop="197dp"  
android:layout_alignParentTop="true"  
android:layout_centerHorizontal="true"  
android:checked="false" />
```

```
<TextView
```

```
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:textAppearance="?android:attr/textAppearanceLarge"  
    android:gravity="center"  
    android:id="@+id/response"  
    android:layout_alignParentTop="true"  
    android:layout_centerHorizontal="true"  
    android:layout_marginTop="60dp" />
```

```
</RelativeLayout>
```

output :

