

activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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:orientation="vertical"
    tools:context=".MainActivity">

    <CalendarView
        android:id="@+id/calendarView"
        android:layout_width="match_parent"
        android:layout_height="wrap_content" />

    <Button
        android:id="@+id/imageButton"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="login"
        android:background="@drawable/button"
        android:layout_marginBottom="30dp"
        />

</LinearLayout>
```

MainActivity.java

```
package com.example.labprg2;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

    Button ib;

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

        ib = findViewById(R.id.imageButton);

        ib.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Toast.makeText(MainActivity.this, "Press Exit again",
```

```

Toast.LENGTH_SHORT).show();
    }
    });
}
}

```

create drawable file

button.xml

```

<?xml version="1.0" encoding="utf-8"?>
<selector xmlns:android="http://schemas.android.com/apk/res/android">
    <item android:drawable="@drawable/color_2"
        android:state_pressed="true">
    </item>
    <item android:drawable="@drawable/color_2"
        android:state_hovered="true"/>
    <item android:drawable="@drawable/color_3"
        android:state_focused="true"/>

    <item android:drawable="@drawable/color_3"
        android:state_active="true">
    </item>
    <item android:drawable="@drawable/color_1"/>

</selector>

```

Color_1.xml

```

<?xml version="1.0" encoding="utf-8"?>
<shape xmlns:android="http://schemas.android.com/apk/res/android">
    <gradient
        android:startColor="#6586f0"
        android:endColor="#D6D6D6"
    />
</shape>

```

Same for color_2 and color_3