Exp-8 (Vertical button, screen color change)

Android Background Color is core attraction area of your android apps. If you wish to change Background color of the android programmatically then its very easy. You need to assign id the the parent layout and refer that ID from the code using programmatically and change background color according to your requirement. Here is the complete code for changing background color of the android activity easily.

```xml
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:id="@+id/main layout"
    android:layout_width="match_parent"
```

Main_activity.java:

```java
package com.example.rakhi.horizontal_button;

import android.support.v7.app.AppCompatActivity;
import android.graphics.Color;
import android.os.Bundle;
import android.view.Menu;
import android.view.MenuItem;
import android.view.View;
import android.widget.Button;

public class MainActivity extends AppCompatActivity {
    Button btnred,btngreen,btnblue;
    View mainLayout;

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

        btnred = (Button) findViewById(R.id.button1);
        btngreen = (Button) findViewById(R.id.button2);
        btnblue = (Button) findViewById(R.id.button3);


        mainLayout = (View) findViewById(R.id.main_layout);

        btnred.setOnClickListener(new View.OnClickListener() {

            @Override
```

```java
                public void onClick(View arg0) {
                    // TODO Auto-generated method stub
                    mainLayout.setBackgroundColor(Color.RED);
                }
            });


        btngreen.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View arg0) {
                // TODO Auto-generated method stub
                mainLayout.setBackgroundColor(Color.GREEN);
            }
        });

        btnblue.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View arg0) {
                // TODO Auto-generated method stub
                mainLayout.setBackgroundColor(Color.BLUE);
            }
        });


    }

}
```