

<XML CODE>

```
<?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"
android:background="#FFFFFF">

    <LinearLayout
        android:id="@+id/linearLayout"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.0">

        <FrameLayout
            android:layout_width="125dp"
            android:layout_height="125dp"
            android:layout_margin="5dp"
            android:layout_weight="1"
            android:background="#F47340">

            <LinearLayout
                android:layout_width="50dp"
                android:layout_height="50dp"
                android:layout_gravity="center_horizontal|center_vertical"
                android:background="#009688"
                android:gravity="center|center_horizontal|center_vertical"
                android:orientation="horizontal"></LinearLayout>
        </FrameLayout>

        <FrameLayout
            android:layout_width="125dp"
            android:layout_height="125dp"
            android:layout_gravity="center"
            android:layout_margin="5dp"
            android:layout_weight="1"
            android:background="#00BCD4">

            <LinearLayout
                android:layout_width="50dp"
                android:layout_height="50dp"
                android:layout_gravity="center"
                android:background="#D50000"
                android:orientation="horizontal"></LinearLayout>
        </FrameLayout>

    </LinearLayout>
</FrameLayout>
```

```
        android:layout_width="125dp"
        android:layout_height="125dp"
        android:layout_gravity="center"
        android:layout_margin="5dp"
        android:layout_weight="1"
        android:background="#3D5AFE">

        <LinearLayout
            android:layout_width="50dp"
            android:layout_height="50dp"
            android:layout_gravity="center"
            android:background="#009688"
            android:orientation="horizontal"></LinearLayout>
    </FrameLayout>
</LinearLayout>

<LinearLayout
    android:id="@+id/linearLayout4"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    app:layout_constraintBottom_toTopOf="@+id/linearLayout5"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/linearLayout">

    <FrameLayout
        android:layout_width="125dp"
        android:layout_height="125dp"
        android:layout_margin="5dp"
        android:layout_weight="1"
        android:background="#FF3D00">

        <LinearLayout
            android:layout_width="50dp"
            android:layout_height="50dp"
            android:layout_gravity="center"
            android:background="#009688"
            android:orientation="horizontal"></LinearLayout>
    </FrameLayout>

    <FrameLayout
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        android:layout_height="125dp"
        android:layout_margin="5dp"
        android:layout_weight="1"
        android:background="#D500F9">

        <LinearLayout
            android:layout_width="50dp"
            android:layout_height="50dp"
            android:layout_gravity="center"
            android:background="#009688"
            android:orientation="horizontal"></LinearLayout>
    </FrameLayout>

</FrameLayout>

<FrameLayout
```

```
        android:layout_width="125dp"
        android:layout_height="125dp"
        android:layout_margin="5dp"
        android:layout_weight="1"
        android:background="#3F51B5">

        <LinearLayout
            android:layout_width="50dp"
            android:layout_height="50dp"
            android:layout_gravity="center"
            android:background="#009688"
            android:orientation="horizontal"></LinearLayout>
    </FrameLayout>
</LinearLayout>

<LinearLayout
    android:id="@+id/linearLayout5"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent">

    <FrameLayout
        android:layout_width="125dp"
        android:layout_height="125dp"
        android:layout_margin="5dp"
        android:layout_weight="1"
        android:background="#FF3D00">

        <LinearLayout
            android:layout_width="50dp"
            android:layout_height="50dp"
            android:layout_gravity="center"
            android:background="#FFEB3B"
            android:orientation="horizontal"></LinearLayout>
    </FrameLayout>

    <FrameLayout
        android:layout_width="125dp"
        android:layout_height="125dp"
        android:layout_margin="5dp"
        android:layout_weight="1"
        android:background="#D50000">

        <LinearLayout
            android:layout_width="50dp"
            android:layout_height="50dp"
            android:layout_gravity="center"
            android:background="#0091EA"
            android:orientation="horizontal"></LinearLayout>
    </FrameLayout>

    <FrameLayout
        android:layout_width="125dp"
        android:layout_height="125dp"
```

```
        android:layout_margin="5dp"
        android:layout_weight="1"
        android:background="#3D5AFE">

        <LinearLayout
            android:layout_width="50dp"
            android:layout_height="50dp"
            android:layout_gravity="center"
            android:background="#FFEB3B"
            android:orientation="horizontal"></LinearLayout>
    </FrameLayout>
</LinearLayout>

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

<JAVA CODE>

```
package com.jofs.frame_layout;

import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;

public class MainActivity extends AppCompatActivity {

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