

Practical - 14 : Write a program to demonstrate use of Table Layout.

Activity_main.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">

    <TableLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent">

        <TableRow
            android:layout_width="match_parent"
            android:layout_height="match_parent" >
            <TextView android:text="Row 1 Text 1"
                android:layout_margin="8dp"
                android:layout_height="wrap_content"
                android:layout_width="match_parent"
                android:textColor="@color/purple_500"/>
            <TextView android:text="Row 1 Text 2"
                android:textColor="@color/teal_200"
                android:layout_margin="5dp"
                android:layout_height="wrap_content"
                android:layout_width="match_parent"/>
        </TableRow>

        <TableRow
            android:layout_width="match_parent"
            android:layout_height="121dp"

            android:layout_margin="20dp">

            <Button
                android:layout_width="match_parent"
                android:layout_height="match_parent"
                android:text="BUTTon" />
        </TableRow>

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

MainActivity.java

```
package com.example.linear_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);
}
```

Output

9:34 5 KB/s

VoLTE 4G LTE1 46%

table_layout

Row 1 Text 1 Row 1 Text 2

BUTTON