PROGRAM NO:07 DATE:02-09-2022

AIM: Create a Facebook page using RelativeLayout ; set properties using .xml file.

PROGRAM CODE:

activity.xml

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

<RelativeLayout

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

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

android:id="@+id/activity\_main"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context=".MainActivity">

<RelativeLayout

android:id="@+id/relativeLayout"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content">

<ImageView

android:layout\_width="match\_parent"

android:layout\_height="250dp"

android:id="@+id/banner"

android:src="@drawable/images2"

android:scaleType="centerCrop"/>

<ImageView

android:layout\_marginLeft="15dp"

android:layout\_width="100dp"

android:layout\_height="150dp"

android:id="@+id/profilePic"

android:src="@drawable/images"

android:layout\_alignBottom="@+id/linearLayout"/>

<LinearLayout

android:layout\_toRightOf="@+id/profilePic"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/banner"

android:orientation="horizontal"

android:weightSum="100"

android:id="@+id/linearLayout">

<Button

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Timeline"

android:textSize="5dp"

android:layout\_weight="10"/>

<Button

android:layout\_weight="10"

android:textSize="5dp"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="About"

/>

<Button

android:layout\_weight="10"

android:textSize="5dp"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Friends"

/>

<Button

android:layout\_weight="10"

android:textSize="5dp"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Photos"

/>

<Button

android:layout\_weight="10"

android:textSize="5dp"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="More"

/>

</LinearLayout>

<EditText

android:textColor="@color/white"

android:textStyle="bold"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:inputType="textPersonName"

android:text="Amalendu"

android:ems="10"

android:layout\_alignParentEnd="true"

android:layout\_marginEnd="55dp"

android:id="@+id/textName"

android:layout\_alignBottom="@+id/banner"/>

</RelativeLayout>

<RelativeLayout

android:paddingRight="15dp"

android:paddingLeft="15dp"

android:paddingTop="15dp"

android:paddingBottom="15dp"

android:layout\_below="@+id/relativeLayout"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content">

<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:orientation="horizontal"

android:id="@+id/linearLayout2">

<ImageView

android:layout\_marginLeft="5dp"

android:layout\_marginTop="15dp"

android:layout\_width="25dp"

android:layout\_height="25dp"

android:src="@drawable/images2"/>

<EditText

android:id="@+id/etPost"

android:layout\_marginLeft="10dp"

android:textSize="15sp"

android:layout\_width="match\_parent"

android:layout\_height="60dp"

android:hint="What's on your mind?"/>

</LinearLayout>

<Button

android:textSize="10sp"

android:text="Post"

android:layout\_width="70dp"

android:layout\_height="30dp"

android:layout\_alignParentRight="true"

android:layout\_below="@+id/linearLayout2"/>

</RelativeLayout>

</RelativeLayout>

**RESULT:** Program compiled successfully and output verified.

**OUTPUT**

