LAYOUT 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="@drawable/t1"  
 tools:context=".MainActivity"**>  
  
 <**TextView  
 android:id="@+id/textView"  
 android:layout\_width="298dp"  
 android:layout\_height="44dp"  
 android:scaleType="centerCrop"  
 android:text="TRAVEL DIARIES"  
 android:textColor="#FBFAFA"  
 android:textSize="36sp"  
 android:textStyle="bold"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.496"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
  
 app:layout\_constraintVertical\_bias="0.004"** />  
  
 <**ImageView  
 android:id="@+id/imageView2"  
 android:layout\_width="250dp"  
 android:layout\_height="150dp"  
 android:scaleType="centerCrop"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.0"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.113"  
 app:srcCompat="@drawable/t2"** />  
  
 <**ImageView  
 android:id="@+id/imageView3"  
 android:layout\_width="250dp"  
 android:layout\_height="150dp"  
 android:scaleType="centerCrop"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.0"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.402"  
 app:srcCompat="@drawable/t3"** />  
  
 <**ImageView  
 android:id="@+id/imageView4"  
 android:layout\_width="250dp"  
 android:layout\_height="150dp"  
 android:scaleType="centerCrop"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.0"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.7"  
 app:srcCompat="@drawable/t4"** />  
  
 <**ImageView  
 android:id="@+id/imageView5"  
 android:layout\_width="250dp"  
 android:layout\_height="150dp"  
 android:scaleType="centerCrop"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.0"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.993"  
  
 app:srcCompat="@drawable/t5"** />  
  
</**androidx.constraintlayout.widget.ConstraintLayout**>

JAVA CODE:

**package** com.example.lab10;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.os.Bundle;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.ContextMenu;  
**import** android.view.MenuInflater;  
**import** android.view.MenuItem;  
**import** android.view.View;  
**import** android.widget.ArrayAdapter;  
**import** android.widget.ListView;  
**import** android.widget.Toast;  
**public class** MainActivity **extends** AppCompatActivity {  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 }  
 **public void** onCreateContextMenu(ContextMenu menu, View v, ContextMenu.ContextMenuInfo menuInfo)  
 {  
 **super**.onCreateContextMenu(menu, v, menuInfo);  
 MenuInflater inflater = getMenuInflater();  
 inflater.inflate(R.menu.menu\_main, menu);  
 menu.setHeaderTitle(**"Select The Action"**);  
 }  
 @Override  
 **public boolean** onContextItemSelected(MenuItem item){  
 **if**(item.getItemId()==R.id.call){  
 Toast.*makeText*(getApplicationContext(),**"calling code"**,Toast.***LENGTH\_LONG***).show();  
 }  
 **else if**(item.getItemId()==R.id.sms){  
 Toast.*makeText*(getApplicationContext(),**"sending sms code"**,Toast.***LENGTH\_LONG***).show();  
 }**else**{  
 **return false**;  
 }  
 **return true**;  
 }  
}