**Practical 5**

1. Write a program to print name, age, mobile number using Linear Layout (Vertical).

Code :

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

<LinearLayout 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"

android:orientation="vertical"

>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Name : Aditya Choudhary"

android:textSize="34dp"

android:textColor="@color/black"

android:textStyle="italic"

android:layout\_marginLeft="20dp"

android:layout\_marginTop="50dp"

/>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Age : 18"

android:textSize="34dp"

android:textColor="@color/black"

android:textStyle="italic"

android:layout\_marginLeft="20dp"

android:layout\_marginTop="20dp"

Graphical user interface, text, application, chat or text message

Description automatically generated />

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Mobile No : 8162023158"

android:textSize="34dp"

android:textColor="@color/black"

android:textStyle="italic"

android:layout\_marginLeft="20dp"

android:layout\_marginTop="20dp"

/>

</LinearLayout>

Output :

1. Write a program to display name, age, mobile number using absolute layout.

Code:

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

<AbsoluteLayout 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"

android:orientation="vertical"

>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Name : Aditya Choudhary"

android:textSize="34dp"

android:textColor="@color/black"

android:textStyle="italic"

android:layout\_x="20dp"

android:layout\_y="50dp"

/>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Age : 18"

android:textSize="34dp"

android:textColor="@color/black"

android:textStyle="italic"

Graphical user interface, text, application, chat or text message

Description automatically generated android:layout\_y="100dp"

android:layout\_x="20dp"

/>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Mobile No : 8162023158"

android:textSize="34dp"

android:textColor="@color/black"

android:textStyle="italic"

android:layout\_x="20dp"

android:layout\_y="150dp"

/>

</AbsoluteLayout>

Output:

1. Write a program to create a login form using absolute layout.

Code:

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

<AbsoluteLayout 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"

android:orientation="vertical"

>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Login Form"

android:textSize="60dp"

android:textColor="@color/black"

android:textStyle="bold"

android:layout\_x="50dp"

android:layout\_y="50dp"

/>

<EditText

android:layout\_width="wrap\_content"

android:layout\_height="55dp"

android:hint="Enter your Username"

android:textColor="@color/black"

android:textStyle="italic"

android:textSize="22dp"

android:layout\_y="192dp"

android:layout\_x="170dp"

android:paddingRight="20dp"

/>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="40dp"

android:text="Username : "

android:textSize="28dp"

android:textColor="@color/black"

android:textStyle="normal"

android:layout\_y="200dp"

android:layout\_x="20dp"

/>

<EditText

android:layout\_width="wrap\_content"

android:layout\_height="55dp"

android:hint="Enter your Password"

android:textColor="@color/black"

android:textStyle="italic"

android:textSize="22dp"

android:layout\_y="262dp"

android:layout\_x="170dp"

android:paddingRight="20dp"

/>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="40dp"

android:text="Password : "

android:textSize="28dp"

android:textColor="@color/black"

android:textStyle="normal"

android:layout\_y="270dp"

android:layout\_x="20dp"

/>

<Button

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:backgroundTint="@color/black"

android:textColor="#FFFF00"

android:text="Log In"

android:textAllCaps="true"

android:textSize="35dp"

android:layout\_x="125dp"

android:layout\_y="400dp"

/>

</AbsoluteLayout>

Output:

Graphical user interface, text, application

Description automatically generated

1. Write a program to new, update, save, delete using Linear layout. Use weight and weight sum.

Code:

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

<LinearLayout 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"

android:orientation="vertical"

android:weightSum="5"

>

<Button

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_weight="1"

A screenshot of a cell phone

Description automatically generated with medium confidence android:text="New"

android:textSize="40dp"

android:backgroundTint="@color/black"

android:layout\_margin="1dp"/>

<Button

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_weight="1"

android:text="Save"

android:textSize="40dp"

android:backgroundTint="@color/black"

android:layout\_margin="1dp"/>

<Button

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_weight="2"

android:text="Update"

android:textSize="40dp"

android:backgroundTint="@color/black"

android:layout\_margin="1dp"/>

<Button

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_weight="1"

android:text="Delete"

android:textSize="40dp"

android:backgroundTint="@color/black"

android:layout\_margin="1dp"

/>

</LinearLayout>

Output :