# 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"</p>
  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"
    />
  <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>
```

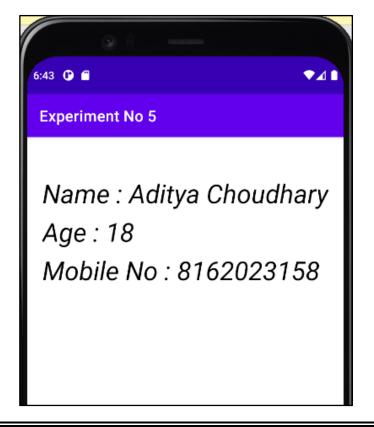


Name: Aditya Choudhary Roll no: 19406 MAD Experiments

2. 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"</p>
  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"
    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>
```



Name : Aditya Choudhary Roll no : 19406 MAD Experiments

3. 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"</p>
  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"
```

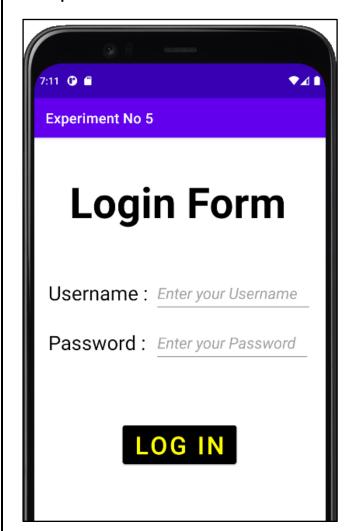
#### Name: Aditya Choudhary Roll no: 19406 **MAD Experiments** <TextView android:layout\_width="wrap\_content" android:layout\_height="40dp" android:text="Password:" android:textSize="28dp" android:textColor="@color/black" android:textStyle="normal" android:layout\_y="270dp"

/>

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>



Name: Aditya Choudhary Roll no: 19406 MAD Experiments

4. 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"</p>
  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"
    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>
```

