

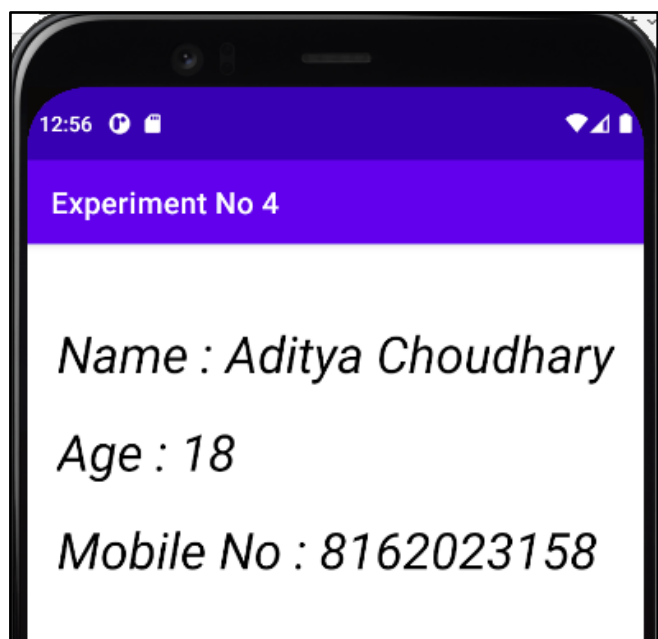
## Practical 5

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"
    />
    <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 :



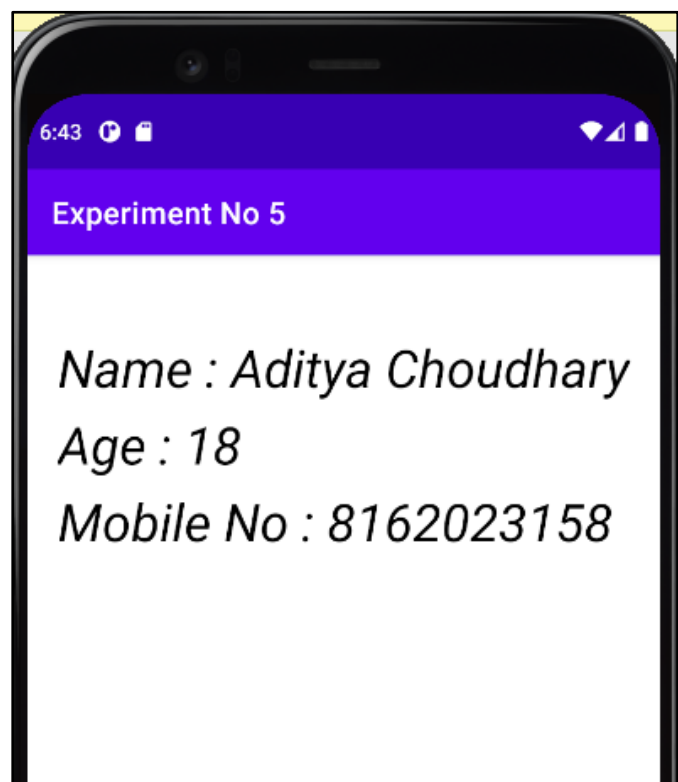
## 2. Write a program to display name, age, mobile number using absolute layout.

### Code:

```
<?xml version="1.0" encoding="utf-8"?>
<AbsoluteLayout xmlns:android="http://schemas.android.com/apk/res/android"
    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>
```

### Output:



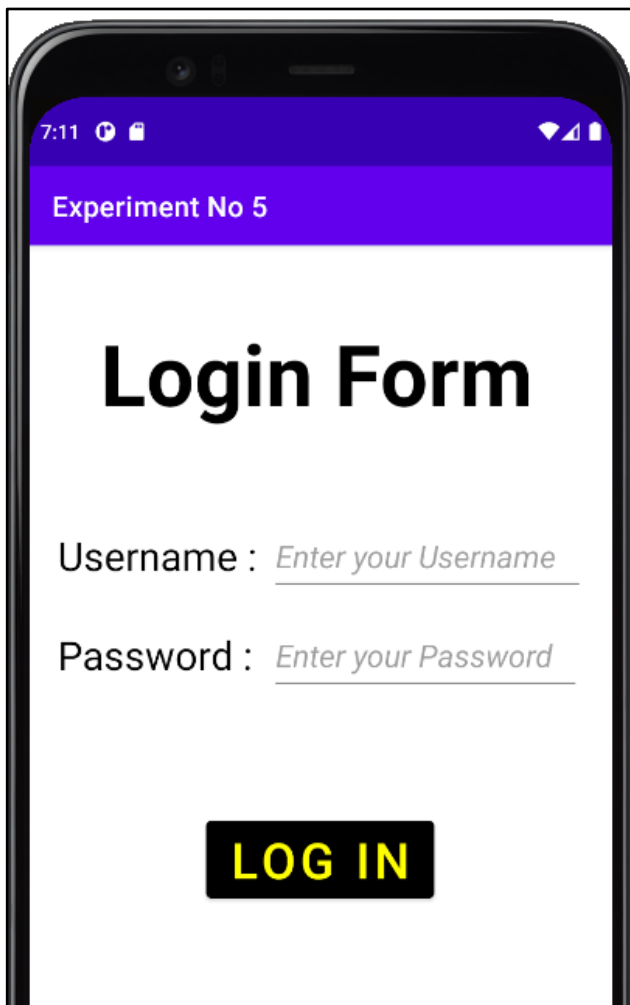
### 3. Write a program to create a login form using absolute layout.

#### Code:

```
<?xml version="1.0" encoding="utf-8"?>
<AbsoluteLayout xmlns:android="http://schemas.android.com/apk/res/android"
    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:



#### 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"
    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>
```

##### Output :

