

Exercise:

1. Write a program to place Name, Age and mobile number linearly (Vertical) on the display screen using Linear layout.

- activity_main.xml

```
<?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"
    android:paddingRight="16dp"
    android:orientation="vertical"
    android:background="@drawable/bg"
    tools:context=".MainActivity">

    <TextView
        android:id="@+id/textview"
        android:layout_width="match_parent"
        android:layout_height="42dp"
        android:text="Name:Riya Sunil Kharade"
        android:textSize="30dp"
        android:layout_marginTop="32dp"
        android:background="@drawable/rounded_corner"
        android:textColor="@color/white" />

    <TextView
        android:id="@+id/textview1"
        android:layout_width="match_parent"
        android:layout_height="42dp"
        android:text="Age:28"
        android:textSize="30dp"
        android:layout_marginTop="32dp"
        android:background="@drawable/rounded_corner"
        android:textColor="@color/white" />

    <TextView
        android:id="@+id/textview3"
        android:layout_width="match_parent"
        android:layout_height="42dp"
        android:text="Phone No:8275005788"
        android:textSize="30dp"
        android:textColor="@color/white"
        android:layout_marginTop="32dp"
        android:background="@drawable/rounded_corner"
        />
</LinearLayout>
```

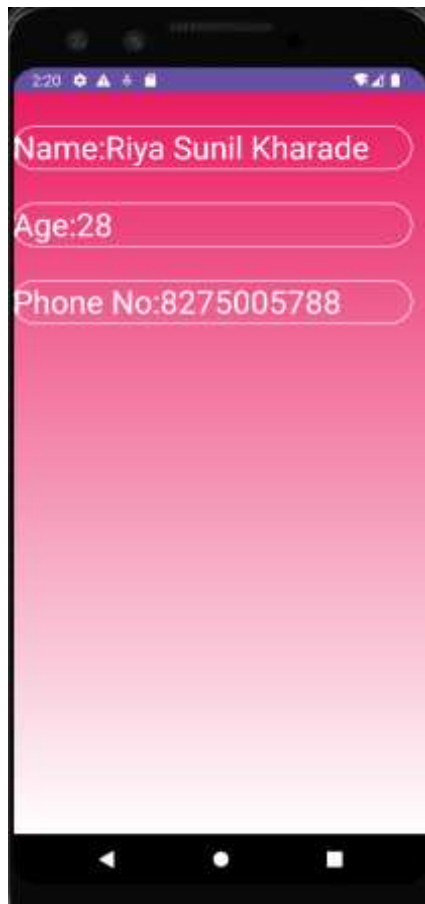
- rounded_corner.xml

```
<?xml version="1.0" encoding="utf-8"?>
<shape xmlns:android="http://schemas.android.com/apk/res/android"
    android:shape="rectangle">
    <corners android:radius="24dp"/>
    <stroke android:width="1dp" android:color="@color/white"/>
</shape>
```

- bg.xml

```
<?xml version="1.0" encoding="utf-8"?>
<shape xmlns:android="http://schemas.android.com/apk/res/android">
    <gradient android:type="linear" android:angle="100" android:startColor="#E91E63"
    android:endColor="@color/white"/>
</shape>
```

OUTPUT:



2. Write a program to place Name, Age and mobile number centrally on the display screen using Absolute layout.

- activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<AbsoluteLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:background="@drawable/bg">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_y="200dp"
        android:layout_x="30dp"
        android:text=" Name: Riya Suni Kharade "
        android:textSize="30dp"
        android:textColor="@color/white"
        android:background="@drawable/rounded_corner"
        android:textStyle="bold">
    </TextView>

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_y="260dp"
        android:layout_x="30dp"
        android:text=" Age: 19 "
        android:textSize="30dp"
        android:textColor="@color/white"
        android:background="@drawable/rounded_corner"
        android:textStyle="bold">
    </TextView>

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_y="320dp"
        android:layout_x="30dp"
        android:text="Mobile No: 8275005788 "
        android:textSize="30dp"
        android:background="@drawable/rounded_corner"
        android:textColor="@color/white"
        android:textStyle="bold">
    </TextView>

</AbsoluteLayout>
```

- rounded_corner.xml

```
<?xml version="1.0" encoding="utf-8"?>
<shape xmlns:android="http://schemas.android.com/apk/res/android"
    android:shape="rectangle">
    <corners android:radius="24dp"/>
    <stroke android:width="1dp" android:color="#9C27B0"/>
</shape>
```

- bg.xml

```
<?xml version="1.0" encoding="utf-8"?>
<shape xmlns:android="http://schemas.android.com/apk/res/android">
    <gradient android:type="linear" android:angle="100" android:startColor="#9C27B0"
    android:endColor="@color/white"/>
</shape>
```

OUTPUT:

