Exercise:

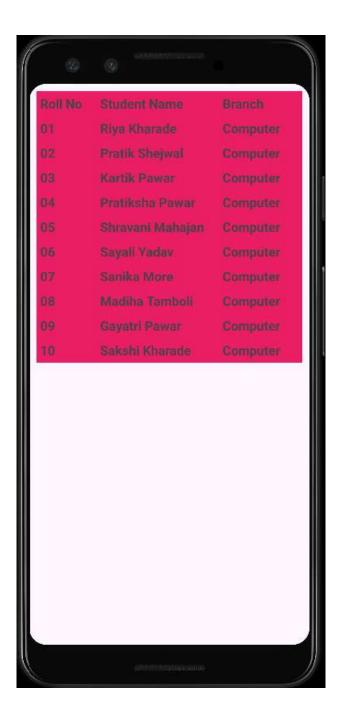
- 1. Write program to display 10 students basic information in a table form using TableLayout.
 - activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<TableLayout xmlns:android="http://schemas.android.com/apk/res/android"
  xmlns:tools="http://schemas.android.com/tools"
  android:layout_width="match_parent"
  android:layout height="match parent"
  android:paddingLeft="10dp"
  android:paddingRight="10dp"
  tools:context=".MainActivity">
  <TableRow android:background="#E91E63" android:padding="5dp"
android:layout marginTop="10dp">
    <TextView android:layout width="wrap content"
      android:layout_height="wrap_content"
      android:layout weight="1"
      android:text="Roll No"
      android:textStyle="bold"
      android:textSize="18dp"></TextView>
    <TextView android:layout width="wrap content"
      android:layout height="wrap content"
      android:layout weight="1"
      android:text="Student Name"
      android:textStyle="bold"
      android:textSize="18dp"></TextView>
    <TextView android:layout width="wrap content"
      android:layout_height="wrap_content" android:layout_weight="1"
      android:text="Branch"
                                android:textStyle="bold"
      android:textSize="18dp"></TextView>
  </TableRow>
  <TableRow android:background="#E91E63" android:padding="5dp" >
    <TextView android:layout width="wrap content"
      android:layout height="wrap content"
      android:layout weight="1"
      android:text="01"
                         android:textStyle="bold"
      android:textSize="18dp"></TextView>
    <TextView android:layout width="wrap content"
      android:layout height="wrap content"
      android:layout weight="1"
      android:text="Riva Kharade"
      android:textStyle="bold"
      android:textSize="18dp"> </TextView>
    <TextView android:layout width="wrap content"
      android:layout height="wrap content"
      android:layout weight="1"
      android:text="Computer"
      android:textStyle="bold"
      android:textSize="18dp"></TextView>
</TableRow>
  <TableRow android:background="#E91E63" android:padding="5dp" >
  <TextView
    android:layout_width="wrap_content" android:layout height="wrap content"
    android:layout weight="1"
                                         android:text="02"
    android:textStyle="bold"
                               android:textSize="18dp"></TextView>
  <TextView
    android:layout width="wrap content"
                                            android:layout height="wrap content"
```

```
android:layout_weight="1" android:text="Pratik Shejwal"
android:textStyle="bold"
android:textSize="18dp"></TextView>
<TextView
android:layout_width="wrap_content" android:layout_height="wrap_content"
android:layout_weight="1" android:text="Computer"
android:textStyle="bold" android:textSize="18dp">
</TextView>
</TextView>
</TableRow>

//add 9 students here...
```

OUTPUT:



2. Write a program to display all the data types in OOP using FrameLayout.

activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"</p>
  xmlns:tools="http://schemas.android.com/tools"
  android:layout width="match parent"
  android:layout height="match parent"
  tools:context=".MainActivity">
<TextView
    android:layout_width="wrap_content"android:layout_height="wrap_content"
    android:text="Data Types in Object-Oriented Programming!!"
    android:textSize="18dp"
    android:textStyle="bold"
    android:layout marginTop="8dp"
    android:paddingLeft="6dp"/>
    <TableLayout
      android:layout width="match parent"
      android:layout_height="match_parent"
      android:paddingLeft="10dp"
      android:layout marginTop="32dp"
      android:paddingRight="10dp">
<TableRow android:background="#E91E63" android:padding="5dp"</p>
android:layout marginTop="10dp">
        <TextView
          android:layout_width="wrap_content" android:layout_height="wrap_content"
          android:layout weight="1"
                                               android:text="Primitive"
          android:textStyle="bold"
                                               android:textSize="20dp"></TextView>
        <TextView
          android:layout_width="wrap_content" android:layout_height="wrap_content"
          android:layout_weight="1"
                                                android:text="Non-Primitive"
          android:textStyle="bold"
                                                android:textSize="20dp">
</TextView></TableRow>
      <TableRow android:background="#e0af1f" android:padding="5dp">
        <TextView
          android:layout_width="wrap_content"
                                                android:layout height="wrap content"
                                                android:text="Integer"
          android:layout weight="1"
                                                android:textSize="20dp"></TextView>
          android:textStyle="bold"
        <TextView
                                                android:layout height="wrap content"
          android:layout width="wrap content"
                                                android:text="Array"
          android:layout weight="1"
          android:textStyle="bold"
                                                android:textSize="20dp">
</TextView></TableRow>
      <TableRow android:background="#e0af1f" android:padding="5dp">
        <TextView
          android:layout width="wrap content" android:layout height="wrap content"
          android:layout weight="1"
                                               android:text="Floting"
          android:textStyle="bold"
                                              android:textSize="20dp"></TextView>
        <TextView
          android:layout_width="wrap_content" android:layout_height="wrap_content"
          android:layout weight="1"
                                                android:text="Stack and Queue"
          android:textStyle="bold" android:textSize="20dp"></TextView></TableRow>
      <TableRow android:background="#e0af1f" android:padding="5dp">
```

<TextView android:layout_width="wrap_content" android:layout height="wrap content" android:layout weight="1" android:text="Character" android:textStyle="bold" android:textSize="20dp"></TextView> <TextView android:layout width="wrap content" android:layout height="wrap content" android:layout_weight="1" android:text="Trees and Graph" android:textStyle="bold" android:textSize="20dp"> </TextView> </TableRow> <TableRow android:background="#e0af1f" android:padding="5dp"> <TextView android:layout_width="wrap_content" android:layout_height="wrap_content" android:text="Boolean" android:layout weight="1" android:textSize="20dp"></TextView> android:textStyle="bold" <TextView android:layout_height="wrap_content" android:layout width="wrap content" android:layout weight="1" android:text="Linked List" android:textStyle="bold" android:textSize="20dp"> </TextView></TableRow></TableLayout></FrameLayout>

OUTPUT:

