PRACTICAL 5

Aim: Create an android application that having following layouts.

Code:
JAVA FILE: (MainActivity.java)

```java
package com.example.practical5;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
public class MainActivity extends AppCompatActivity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }
}
```

XML FILE: (activity_main.xml)

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
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">
    <TextView
        android:id="@+id/textView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="50dp"
        android:text=" Name: Angat Shah \n Enrollment No: 202203103510097 \n Branch:
B.Tech CSE"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.497"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        tools:ignore="MissingConstraints" />
    <TextView
        android:id="@+id/textView5"
        android:layout_width="93dp"
        android:layout_height="25dp"
        android:background="@color/material_dynamic_neutral80"
```

```
        android:text="Dhoni"
        android:textAlignment="center"
        android:textAllCaps="true"
        android:textSize="18dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.0"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.186"
        android:gravity="center_horizontal"/>
    <TextView
        android:id="@+id/textView7"
        android:layout_width="104dp"
        android:layout_height="25dp"
        android:background="@color/material_dynamic_neutral80"
        android:text="Sachin"
        android:textAlignment="center"
        android:textAllCaps="true"
        android:textSize="18dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.348"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.185"
        android:gravity="center_horizontal"/>
    <TextView
        android:id="@+id/textView9"
        android:layout_width="184dp"
        android:layout_height="23dp"
        android:background="@color/material_dynamic_neutral80"
        android:text="Yuvraj"
        android:textAlignment="center"
        android:textAllCaps="true"
        android:textSize="18dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.0"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.233"
        android:gravity="center_horizontal"/>
    <TextView
```

```
        android:id="@+id/textView10"
        android:layout_width="184dp"
        android:layout_height="23dp"
        android:background="@color/material_dynamic_neutral80"
        android:text="Virat"
        android:textAlignment="center"
        android:textAllCaps="true"
        android:textSize="18dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.841"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.233"
        android:gravity="center_horizontal" />
    <TextView
        android:id="@+id/textView11"
        android:layout_width="232dp"
        android:layout_height="25dp"
        android:background="@color/material_dynamic_neutral80"
        android:text="Harbhajan"
        android:textAlignment="center"
        android:textAllCaps="true"
        android:textSize="18dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.0"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.277"
        android:gravity="center_horizontal" />
    <TextView
        android:id="@+id/textView12"
        android:layout_width="137dp"
        android:layout_height="25dp"
        android:background="@color/material_dynamic_neutral80"
        android:text="Rahul"
        android:textAlignment="center"
        android:textAllCaps="true"
        android:textSize="18dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.905"
        app:layout_constraintStart_toStartOf="parent"
```

```
          app:layout_constraintTop_toTopOf="parent"
          app:layout_constraintVertical_bias="0.277"
          android:gravity="center_horizontal" />
    <ImageView
          android:id="@+id/imageView2"
          android:layout_width="99dp"
          android:layout_height="103dp"
          app:layout_constraintBottom_toBottomOf="parent"
          app:layout_constraintEnd_toEndOf="parent"
          app:layout_constraintStart_toStartOf="parent"
          app:layout_constraintTop_toTopOf="parent"
          app:layout_constraintVertical_bias="0.684"
          app:srcCompat="@android:mipmap/sym_def_app_icon" />
    <ImageView
          android:id="@+id/imageView3"
          android:layout_width="96dp"
          android:layout_height="106dp"
          app:layout_constraintBottom_toBottomOf="parent"
          app:layout_constraintEnd_toEndOf="parent"
          app:layout_constraintHorizontal_bias="0.117"
          app:layout_constraintStart_toStartOf="parent"
          app:layout_constraintTop_toTopOf="parent"
          app:layout_constraintVertical_bias="0.518"
          app:srcCompat="@android:mipmap/sym_def_app_icon" />
    <ImageView
          android:id="@+id/imageView4"
          android:layout_width="98dp"
          android:layout_height="100dp"
          app:layout_constraintBottom_toBottomOf="parent"
          app:layout_constraintEnd_toEndOf="parent"
          app:layout_constraintHorizontal_bias="0.916"
          app:layout_constraintStart_toStartOf="parent"
          app:layout_constraintTop_toTopOf="parent"
          app:layout_constraintVertical_bias="0.844"
          app:srcCompat="@android:mipmap/sym_def_app_icon" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

Output: