PRACTICAL 5

Aim: Create an android application that having following layouts.

```
Code:
JAVA FILE: (MainActivity.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 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"
```

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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:

