**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"

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"

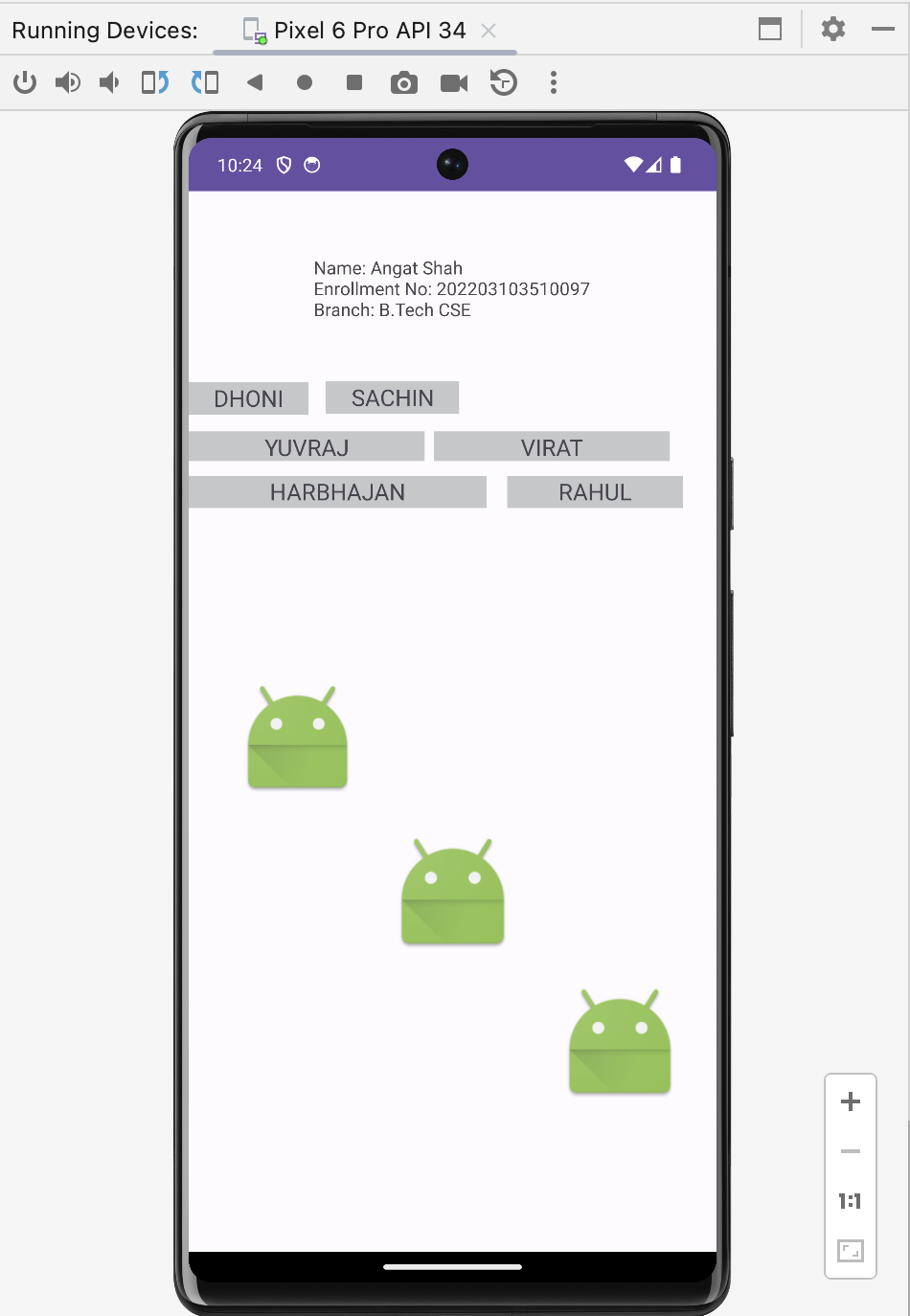
app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.844"

app:srcCompat="@android:mipmap/sym\_def\_app\_icon" />

</androidx.constraintlayout.widget.ConstraintLayout>

**Output:**

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