

PART – A

Experiment-No: 1

Create an application to design a Visiting Card. The Visiting card should have a company logo at the top right corner. The company name should be displayed in Capital letters, aligned to the center. Information like the name of the employee, job title, phone number, address, email, fax and the website address is to be displayed. Insert a horizontal line between the job title and the phone number. [Times New Roman-12]



Components Used:

- TextView: To display texts
- CircleImageView: To display image
- CardView: To display horizontal line
- Divider: To divide Sections

XML Code:

```
<?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"
android:background="#008080"
tools:context=".MainActivity">

    <de.hdodenhof.circleimageview.CircleImageView
        android:id="@+id/circleImageView"
        android:layout_width="143dp"
        android:layout_height="144dp"
        android:src="@drawable/keshav"
        app:civ_border_color="@color/black"
        app:civ_border_width="1dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.906"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.114" />

    <TextView
```

```
        android:id="@+id/textView2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:fontFamily="@font/pacifico"
        android:text="Keshav R Karanth"
        android:textColor="@color/white"
        android:textSize="30dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.411"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.385" />

<TextView
    android:id="@+id/textView3"
    android:layout_width="319dp"
    android:layout_height="32dp"
    android:fontFamily="@font/source_sans_pro"
    android:letterSpacing="0.1"
    android:text="FULL STACK DEVELOPER"
    android:textAlignment="center"
    android:textColor="#3b4545"
    android:textSize="20sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.49"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/textView2"
    app:layout_constraintVertical_bias="0.036" />

<View
    android:id="@+id/divider2"
    android:layout_width="150sp"
    android:layout_height="1dp"
    android:background="#05EDFF"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.498"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/textView3"
    app:layout_constraintVertical_bias="0.037" />

<androidx.cardview.widget.CardView
    android:id="@+id/cardView"
    android:layout_width="300dp"
    android:layout_height="25dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/divider2"
    app:layout_constraintVertical_bias="0.082">

    <TextView
        android:id="@+id/textView5"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:fontFamily="@font/source_sans_pro"
        android:letterSpacing="0.3"
        android:text="9449518420"
        android:textAlignment="center"
```

```
        android:textSize="22dp" />

        <ImageButton
            android:id="@+id/imageButton2"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            app:srcCompat="@drawable/ic_phone" />
    </androidx.cardview.widget.CardView>

    <androidx.cardview.widget.CardView
        android:id="@+id/cardView3"
        android:layout_width="300dp"
        android:layout_height="25dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.495"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/cardView"
        app:layout_constraintVertical_bias="0.08">

        <TextView
            android:id="@+id/textView9"
            android:layout_width="match_parent"
            android:layout_height="29dp"
            android:fontFamily="@font/source_sans_pro"
            android:letterSpacing="0.05"
            android:text="keshavarkarantha@gmail.com"
            android:textAlignment="center" />

        <ImageButton
            android:id="@+id/imageButton3"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            app:srcCompat="@drawable/ic_email" />
    </androidx.cardview.widget.CardView>

    <androidx.cardview.widget.CardView
        android:layout_width="300dp"
        android:layout_height="25dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.495"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/cardView3"
        app:layout_constraintVertical_bias="0.095">

        <TextView
            android:id="@+id/textView10"
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:fontFamily="@font/source_sans_pro"
            android:letterSpacing="0.1"
            android:text="keshavrkaranth.me"
            android:textAlignment="center"
            android:textSize="18sp" />

        <ImageButton
            android:id="@+id/imageButton4"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            app:srcCompat="@drawable/ic_web" />
```

```
</androidx.cardview.widget.CardView>

<TextView
    android:id="@+id/textView"
    android:layout_width="186dp"
    android:layout_height="152dp"
    android:text="CANARA Engineering College"
    android:textColor="#ffffff"
    android:textSize="30sp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toStartOf="@+id/circleImageView"
    app:layout_constraintHorizontal_bias="0.526"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.134" />

<View
    android:id="@+id/divider"
    android:layout_width="300dp"
    android:layout_height="1.5dp"
    android:background="#05EDFF"
    app:layout_constraintBottom_toTopOf="@+id/textView2"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.93" />

</androidx.constraintlayout.widget.ConstraintLayout>
```

Java Code:

```
package com.keshavrkaranth.visiting_card;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        getSupportActionBar().hide();
        setContentView(R.layout.activity_main);
    }
}
```

Sample Output: