## Program 1

Develop a mobile application to display user profile with 3 UI activities using intents.

## Activity main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout</pre>
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="#B697EE"
    tools:context=".MainActivity">
    <Button
        android:id="@+id/bper"
        android:layout width="wrap_content"
        android:layout height="wrap_content"
        android: text="Personal"
        app:layout constraintBottom toBottomOf="parent"
        app:layout constraintEnd toEndOf="parent"
        app:layout constraintHorizontal bias="0.207"
        app:layout constraintStart toStartOf="parent"
        app:layout constraintTop toTopOf="parent"
        app:layout constraintVertical bias="0.439" />
    <Button
        android:id="@+id/baca"
        android: layout width="wrap content"
        android:layout height="wrap content"
        android: text="Academic"
        android:onClick="send"
        app:layout constraintBottom toBottomOf="parent"
        app:layout_constraintEnd toEndOf="parent"
        app:layout_constraintHorizontal bias="0.699"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout constraintVertical bias="0.439"
        tools:ignore="HardcodedText,OnClick,UsingOnClickInXml" />
    <ImageView</pre>
        android:id="@+id/imageView"
        android:layout width="96dp"
        android:layout_height="148dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal bias="0.104"
        app:layout constraintStart toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout constraintVertical bias="0.073"
        app:srcCompat="@drawable/sowmya" />
    <TextView
        android:id="@+id/textView"
        android:layout width="155dp"
        android:layout height="118dp"
        android: textSize="22dp"
        android:text="Name \n Sem \nDept of MCA \n NMIT"
        app:layout constraintBottom toBottomOf="parent"
```

```
app:layout constraintEnd toEndOf="parent"
        app:layout constraintHorizontal bias="0.742"
        app:layout constraintStart toStartOf="parent"
        app:layout constraintTop toTopOf="parent"
        app:layout constraintVertical bias="0.089" />
</androidx.constraintlayout.widget.ConstraintLayout>
main activity.java
package com.example.profile;
import androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.Toast;
public class MainActivity extends AppCompatActivity {
    Button bp, ba;
    Intent personal, academic;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity main);
        bp = findViewById(R.id.bper);
        ba = findViewById(R.id.baca);
        bp.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
               // Toast.makeText (getApplicationContext(),"Hello
MCA", Toast.LENGTH SHORT).show();
                personal = new Intent(getBaseContext(), personal.class);
                startActivity(personal);
            }
        });
        ba.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                academic = new Intent(getBaseContext(), academic.class);
                startActivity(academic);
            }
        });
    }
academic.java
package com.example.profile;
import androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
public class academic extends AppCompatActivity {
```

```
Button b;
    Intent main;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity academic);
        b= (Button) findViewById (R.id.bahome);
        b.setOnClickListener(new View.OnClickListener() {
            anverride
            public void onClick(View v) {
                 main = new Intent(getBaseContext(), MainActivity.class);
                 startActivity(main);
        });
    }
   }
activity academic.xml
<?xml version="1.0" encoding="utf-8"?>
<TableLayout 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="#03A9F4"
    tools:context=".academic">
    <TableRow>
        <TextView
            android: textAllCaps="true"
            android:textSize="20dp"
            android:textStyle="bold"
            android:layout width="match parent"
            android: layout height="100dp"
            android: text="Academic"
    </TableRow>
    <TableRow>
        <TextView
            android: textAllCaps="true"
            android: textSize="18dp"
            android:textStyle="bold"
            android:layout width="wrap content"
            android:layout height="100dp"
            android: text="Oualification"
        <TextView
            android: textSize="18dp"
            android:layout width="wrap content"
            android:layout height="100dp"
            android: text="M.C.A"
    </TableRow>
    <TableRow>
        <TextView
            android: textAllCaps="true"
            android:textSize="18dp"
            android: textStyle="bold"
            android:layout width="wrap content"
            android:layout_height="100dp"
```

```
android:text="Grade"
            />
        <TextView
            android:textSize="18dp"
            android:layout width="wrap content"
            android:layout height="100dp"
            android: text="Distinction"
    </TableRow>
    <TableRow>
        <TextView
            android: textAllCaps="true"
            android:textSize="18dp"
            android: textStyle="bold"
            android:layout width="wrap content"
            android:layout height="100dp"
            android:text="Technical \nSkills"
            />
        <TextView
            android:textSize="18dp"
            android:layout width="wrap content"
            android:layout_height="100dp"
            android: text="Java, Python, C++"
            />
    </TableRow>
    <TableRow>
        <Button
            android:id="@+id/bahome"
            android:layout width="wrap content"
            android:layout height="wrap content"
            android:text="Home" />
    </TableRow>
</TableLayout>
personal.java
package com.example.profile;
import androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
public class personal extends AppCompatActivity {
    Button b;
    Intent main;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity personal);
        b = (Button) findViewById(R.id.bphome);
        b.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                main = new Intent(getBaseContext(), MainActivity.class);
                startActivity(main);
            }
```

```
});
```

## activity personal.xml

```
<?xml version="1.0" encoding="utf-8"?>
<TableLayout 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="#F3C9D8"
    tools:context=".personal">
    <TextView
        android:layout width="wrap content"
        android:layout height="50dp"
        android:layout gravity="center"
        android:text=" Personal Details"
        android: textAllCaps="true"
        android: textAppearance="@style/TextAppearance.AppCompat.Body1"
        android:textSize="34sp" />
    <TableRow>
        <TextView
            android:layout width="104dp"
            android:layout height="51dp"
            android: text="Age"
            android: textAllCaps="true"
            android:textSize="18dp"
            android:textStyle="bold" />
        <TextView
            android:layout width="165dp"
            android:layout height="match parent"
            android: text="30"
            android:textSize="18dp" />
    </TableRow>
    <TableRow>
            android:layout width="wrap content"
            android: layout height="40dp"
            android: text="Nationality"
            android: textAllCaps="true"
            android: textSize="18dp"
            android:textStyle="bold" />
        <TextView
            android:layout width="157dp"
            android: layout height="match parent"
            android: text="Indian"
            android:textSize="18dp" />
    </TableRow>
    <TableRow>
        <TextView
            android: textAllCaps="true"
            android: textSize="18dp"
            android:textStyle="bold"
            android:layout width="wrap content"
```

```
android:layout height="100dp"
         android:text="Languages\n Known"
         />
     <TextView
         android:layout width="168dp"
         android:layout height="100dp"
         android:text="English, Hindi"
         android:textSize="18dp" />
 </TableRow>
 <TableRow>
     <TextView
         android: textAllCaps="true"
         android:textSize="18dp"
         android: textStyle="bold"
         android:layout width="wrap content"
         android: layout height="100dp"
         android: text="Hobbies"
         />
     <TextView
         android:layout width="wrap content"
         android:layout_height="100dp"
         android:text="Listening Music, Gardening"
         android: textSize="18dp"
         />
</TableRow>
<Button
     android:id="@+id/bphome"
     android:layout width="wrap content"
     android: layout height="wrap content"
     android:layout gravity="center"
     android:text="Home" />
</TableLayout>
```

