

Practical No.: 3

Aim: Create a mobile application using TextView, Button and relative layout.

Source Code:

Activity Main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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/mytext"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="@string/welcome"
        android:layout_centerHorizontal="true"
        android:layout_marginTop="50dp"/>

    <Button
        android:id="@+id/mybutton"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignTop="@id/mytext"
        android:layout_alignParentStart="true"
        android:text="@string/message"
        android:layout_marginStart="181dp"
        android:layout_marginTop="167dp"
        android:layout_alignParentLeft="true"
        android:layout_marginLeft="181dp" />
</RelativeLayout>
```

MainActivity.java

```
package com.example.practical_no_3;

import androidx.appcompat.app.AppCompatActivity;
import android.annotation.SuppressLint;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.TextView;

public class MainActivity extends AppCompatActivity {

    TextView textView;
    Button button;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
```

```

super.onCreate(savedInstanceState);
setContentView(R.layout.activity_main);

textView=findViewById(R.id.mytext);
button=findViewById(R.id.mybutton);

button.setOnClickListener(
    new View.OnClickListener() {
        @SuppressWarnings("SetTextI18n")
        @Override
        public void onClick(View v) {
            textView.setText("MCA V Class Schedule on 28/9/19 at 1:00pm");
        }
    }
);
}

```

String.xml

```

<resources>
    <string name="app_name">Practical_No_3</string>
    <string name="welcome">Welcome</string>
    <string name="message">Open Message</string>
</resources>

```

Output:

