#### 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"?>
< Relative Layout 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() {
           @SuppressLint("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:



