

## Practical 9

### Q1.

#### XML Code:

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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="wrap_content"
    android:orientation="vertical"
    android:layout_gravity="center"
    tools:context=".MainActivity">

    <ToggleButton
        android:id="@+id/tb1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:checked="false"
        android:text="@string/bluetooth"
        android:textOff="Bluetooth OFF"
        android:textOn="Bluetooth ON"/>

</LinearLayout>
```

#### JAVA Code:

```
package com.example.togglebutton;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.widget.CompoundButton;
import android.widget.Toast;
import android.widget.ToggleButton;

public class MainActivity extends AppCompatActivity {

    private ToggleButton toggleButton;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        toggleButton=(ToggleButton)findViewById(R.id.tb1);
        toggleButton.setOnCheckedChangeListener(new CompoundButton.OnCheckedChangeListener() {
            @Override
            public void onCheckedChanged(CompoundButton buttonView, boolean isChecked) {
                if(isChecked)
                {
```

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```
        Toast.makeText(getApplicationContext(),"Bluetooth :  
ON",Toast.LENGTH_SHORT).show();  
    }  
    else  
    {  
        Toast.makeText(getApplicationContext(),"Bluetooth :  
OFF",Toast.LENGTH_SHORT).show();  
    }  
    }  
    });  
  
    }  
}
```

**Output:**

