

activity.xml

```
<?xml version="1.0" encoding="utf-8"?>

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"

    android:layout_width="match_parent"

    android:layout_height="match_parent"

    android:paddingLeft="10dp"

    android:paddingRight="10dp">

    <Button

        android:id="@+id/btnOn"

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:text="Turn On" android:layout_marginLeft="100dp"
    android:layout_marginTop="200dp" />

    <Button

        android:id="@+id/btnOFF"

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:layout_alignBottom="@+id/btnOn"

        android:layout_toRightOf="@+id/btnOn"

        android:text="Turn OFF" />

</RelativeLayout>
```

Activity.java

```
package com.example.osl.bluetoothuselessapp;

import android.bluetooth.BluetoothAdapter;

import android.content.Intent;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_main);

        Button btntOn = (Button)findViewById(R.id.btnOn);

        Button btntOff = (Button)findViewById(R.id.btnOFF);

        final BluetoothAdapter bAdapter = BluetoothAdapter.getDefaultAdapter();

        btntOn.setOnClickListener(new View.OnClickListener() {

            @Override
```

```

public void onClick(View v) {

    if(bAdapter == null)

    {

        Toast.makeText(getApplicationContext(),"Bluetooth Not
Supported",Toast.LENGTH_SHORT).show();

    }

    else{

        if(!bAdapter.isEnabled()){

            startActivityForResult(new
Intent(BluetoothAdapter.ACTION_REQUEST_ENABLE),1);

            Toast.makeText(getApplicationContext(),"Bluetooth Turned
ON",Toast.LENGTH_SHORT).show();

        }

    }

}

});

btntOff.setOnClickListener(new View.OnClickListener() {

    @Override

    public void onClick(View v) {

        bAdapter.disable();

        Toast.makeText(getApplicationContext(),"Bluetooth Turned OFF",
Toast.LENGTH_SHORT).show();

```

```
    }  
    });  
}  
}
```

```
manifest<?xml version="1.0" encoding="utf-8"?>
```

```
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
```

```
    package="com.example.osl.bluetoothuselessapp">
```

```
    <uses-permission android:name="android.permission.BLUETOOTH"/>
```

```
    <uses-permission android:name="android.permission.BLUETOOTH_ADMIN"/>
```

```
    <application
```

```
        android:allowBackup="true"
```

```
        android:icon="@mipmap/ic_launcher"
```

```
        android:label="@string/app_name"
```

```
        android:roundIcon="@mipmap/ic_launcher_round"
```

```
        android:supportsRtl="true"
```

```
        android:theme="@style/AppTheme">
```

```
        <activity android:name=".MainActivity">
```

```
            <intent-filter>
```

```
                <action android:name="android.intent.action.MAIN" />
```

```
                <category android:name="android.intent.category.LAUNCHER" />
```

</intent-filter>

</activity>

</application>

</manifest>

Output:

