

Practical No:20

1) .Xml file

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

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

```
    xmlns:tools="http://schemas.android.com/tools"
```

```
    android:layout_width="match_parent"
```

```
    android:layout_height="match_parent"
```

```
    tools:context=".MainActivity">
```

```
<Button
```

```
    android:id="@+id/turn_on_button"
```

```
        android:layout_width="wrap_content"
```

```
        android:layout_height="wrap_content"
```

```
        android:text="Turn On WiFi"
```

```
        android:layout_centerHorizontal="true"
```

```
        android:layout_marginTop="100dp"/>
```

```
<Button
```

```
    android:id="@+id/turn_off_button"
```

```
        android:layout_width="wrap_content"
```

```
        android:layout_height="wrap_content"
```

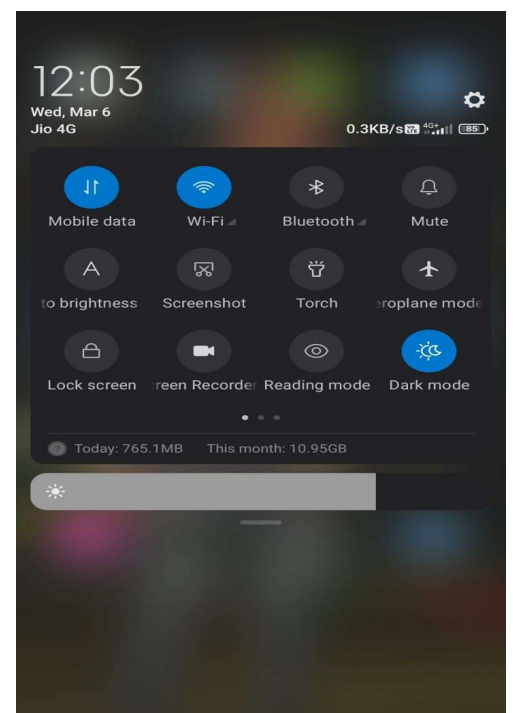
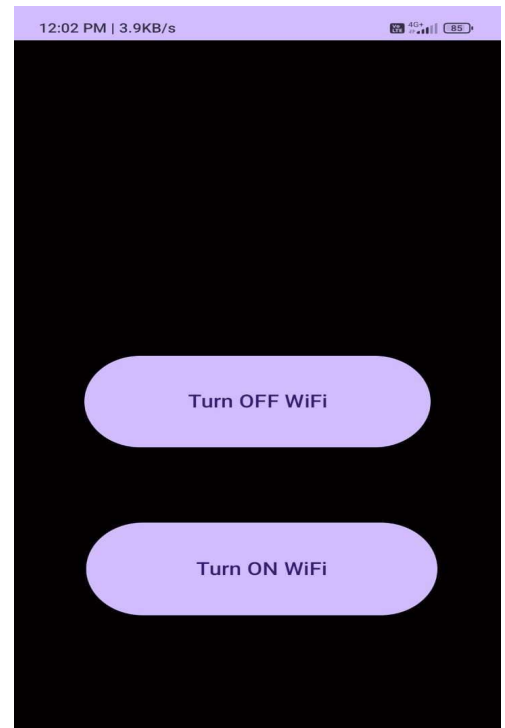
```
        android:text="Turn Off WiFi"
```

```
        android:layout_below="@id/turn_on_button"
```

```
        android:layout_centerHorizontal="true"
```

```
        android:layout_marginTop="20dp"/>
```

```
</RelativeLayout>
```



- .Java


```

package com.pm.wifia;
import android.content.Context;
import android.net.wifi.WifiManager;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;

import com.arbaj.wifiarbaj.R;
public class MainActivity extends AppCompatActivity {
    private WifiManager wifiManager;
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        wifiManager = (WifiManager)
getApplicationContext().getSystemService(Context.WIFI_SERVICE);
        Button turnOnButton = findViewById(R.id.turn_on_button);
        Button turnOffButton = findViewById(R.id.turn_off_button);

        turnOnButton.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                if (!wifiManager.isWifiEnabled()) {
                    wifiManager.setWifiEnabled(true);
                }
            }
        }); turnOffButton.setOnClickListener(new View.OnClickListener() {
            public void onClick(View v) {
                if (wifiManager.isWifiEnabled()) {
                    wifiManager.setWifiEnabled(false);
                }
            }
        });
    }
}
      
```