```qml
 1: /*
 2: * File: Thermometer.qml
 3: * Description: A baseline 'thermometer' gauge. Used primarily for reading
 4: *              temperatures of the engine (Fahrenheit or Celsius)
 5: * Project: Carberry Pi
 6: * Author: Ryan McHugh
 7: * Year: 2020
 8: */
 9: import QtQuick 2.11
10: import QtQuick.Window 2.4
11: import QtQuick.Controls 2.4
12: import QtQuick.Controls.Styles 1.4
13: import QtQuick.Layouts 1.3
14: import QtQuick.Extras 1.4
15: import ".."
16:
17: Gauge {
18:   id: internal_gauge
19:   property var context_style: null
20:   property var prop_color: "black"
21:   minimumValue: 100
22:   maximumValue: 300
23:   value: 50
24:   height: 100;
25:   width: 50;
26:
27:   minorTickmarkCount: 0
28:
29:   tickmarkStepSize: 50
30:
31:   style: GaugeStyle{
32:
33:     tickmark: Rectangle{
34:       implicitWidth: 15
35:       implicitHeight: 1
36:       color: internal_gauge.prop_color
37:       anchors.leftMargin: 3
38:       anchors.rightMargin: 3
39:     }
40:
41:     tickmarkLabel: Text{
42:       text: styleData.value
43:       color: internal_gauge.prop_color
44:     }
45:
46:     background: Rectangle{
47:       radius: 5
48:       color: "black"
49:     }
50:
51:   }
52:
53:   Component.onCompleted: function() {
54:     if(context_style == null)
55:       return
56:
57:     internal_gauge.state = context_style
58:   }
59:
60:   states: [
61:     State{
62:       name: "dark"
63:       PropertyChanges {
64:         target: internal_gauge
65:         prop_color: "white"
66:       }
67:     },
68:     State{
```

```
69:          name: "light"
70:          PropertyChanges {
71:            target: internal_gauge
72:            prop_color: "black"
73:          }
74:      }
75:   ]
76:
77:
78:
79:
80: }
```