

Custom Component:

Özel bir bileşen, aslında bir uygulamada kullanabileceğiniz tek bir QML bileşenini tanımlayan bir QML belgesidir. Çalışma zamanı sırasında, QML bileşenleri, belge tarafından tanımlanan davranışlara göre nesneler oluşturmak üzere çalışır.

Class mantığı ile componentlar oluşturarak, yazılması gereken birçok satırdan ve kalabalıktan kurtuluyoruz.

KOD - *MyButton*:

```
import QtQuick 2.0

Item {

    id: root
    width: 100
    height: 100
    property color color: "#C0C0C0"
    property color colorClicked: "green"
    property string title: "Click me"

    Rectangle{
        id: myRec
        anchors.fill: parent
        color: root.color

        Text {
            id: display
            text: root.title
            anchors.centerIn: parent
        }

        MouseArea{
            id: mouseArea
            anchors.fill: parent
            onPressed: parent.color = root.colorClicked
            onReleased: parent.color = root.color
        }

    }

}
```

KOD – MAIN:

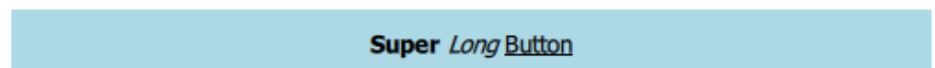
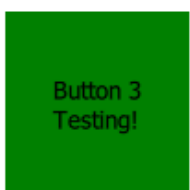
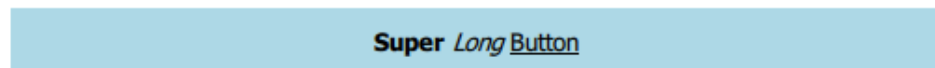
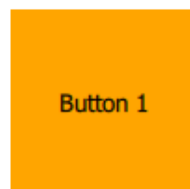
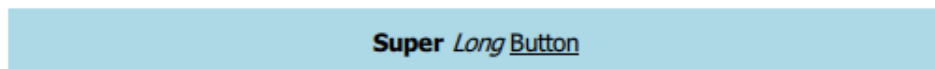
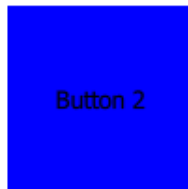
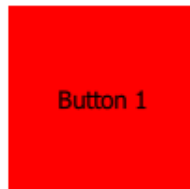
```
import QtQuick 2.12
import QtQuick.Window 2.12

//Custom Component
Window {
    width: 640
    height: 480
    visible: true
    title: qsTr("Hello World")
    property var middle: (height / 2) - 50

    MyButton{
        id: button1
        x: 100
        y: middle
        color: "red"
        colorClicked: "orange"
        title: "Button 1"
    }
    MyButton{
        id: button2
        x: (parent.width / 2) - (width / 2)
        y: middle
        color: "blue"
        colorClicked: "orange"
        title: "Button 2"
    }
    MyButton{
        id: button3
        x: parent.width - 200
        y: middle
        color: "green"
        colorClicked: "orange"
        title: "Button 3<br>Testing!"
    }
    MyButton{
        id: button4
        x: (parent.width / 2) - (width / 2)
        y: middle + 120
        width: 500
        height: 35
        color: "lightblue"
        colorClicked: "orange"
        title: "<b>Super</b> <i>Long</i> <u>Button</u>"
    }
}
```

OUTPUT:

colorClicked for each buttons → Turuncu



Button 1

Button 2

Button 3
Testing!

Super *Long* Button

Button 1

Button 2

Button 3
Testing!

Super *Long* Button