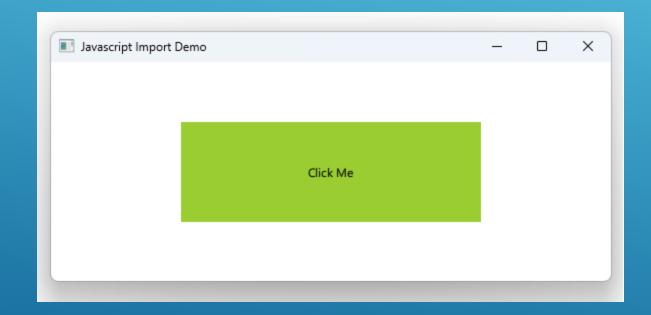# Notes to self

```
. Exploring how to import js from other js files

. Importing JS : https://doc.qt.io/qt-6/qtqml-javascript-imports.html

. Js code will be stored in regular js files

. Key syntax :
    . .import "utilities2.js" as Utilities2  //The dot needs to be there
    .  This syntax  is an extension to JavaScript provided by the QML
      engine and will work also with non-modules (mjs). As an extension
      superseded by the ECMAScript standard, its usage is discouraged

    . We'll see how to work with javascript modules (.mjs) in a later lecture

. By importing utilities2.js into utilities1.js, you don't get to directly
    use the add function from main.qml like so :
        onClicked: {
            value = Utilities1.add(33,17) //Error

        }

. If that's what you want, you can use Qt.include, as we'll see in a
    later lecture.
```

JS Indirect Import

utilities2.js

```javascript
function add(a,b) {
    console.log("Method from utilities2.js called")
    return a + b
}
```

utilities1.js

```javascript
.import "utilities2.js" as Utilities2

function greeting()
{
    console.log("Hello there from external JS file : utilities1.js")
}

function combineAges( age1, age2)
{
    return Utilities2.add(age1,age2)
}
```

main.qml

```qml
import "utilities1.js" as Utilities1
Window {
    visible: true
    width: 640
    height: 480

    Rectangle {
        color: "yellowgreen"

        MouseArea {
            anchors.fill: parent
            onClicked: {
                //console.log("Our ages combined yield :" + Utilities1.combineAges(33,17))
                // value = Utilities1.add(33,17) //Error
            }
        }
    }
}
```