SAP Mobility 101

Tutorial 5 – Your First SAPUI5 Page

# Objective of Exercise

## Build an example application

The objective of this exercise is to build an HTML page that uses JavaScript.

## Note

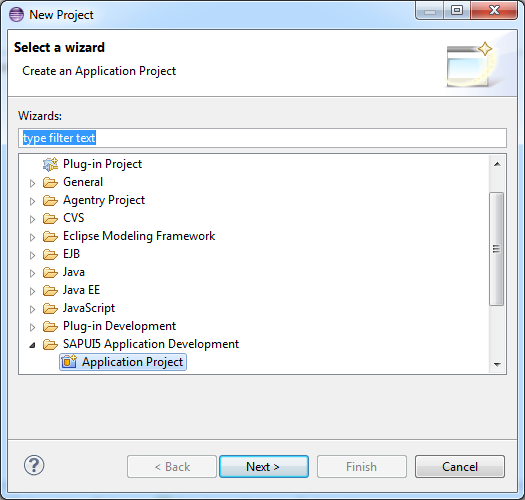
* We recommend that you use a chrome browser for testing
* Eclipse Juno will be needed for this tutorial

Tutorial 5

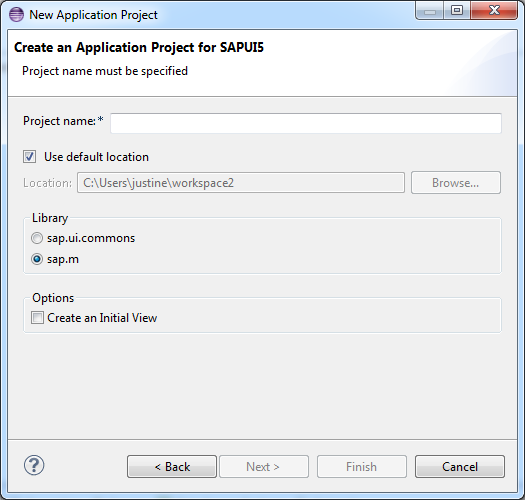
Create your first SAPUI5 Application

# Task 1: Start a project in Eclipse:

For this project we will not use the MVC pattern. To start a new project, choose the menu path: **File>New>Project**, the following screen will appear:



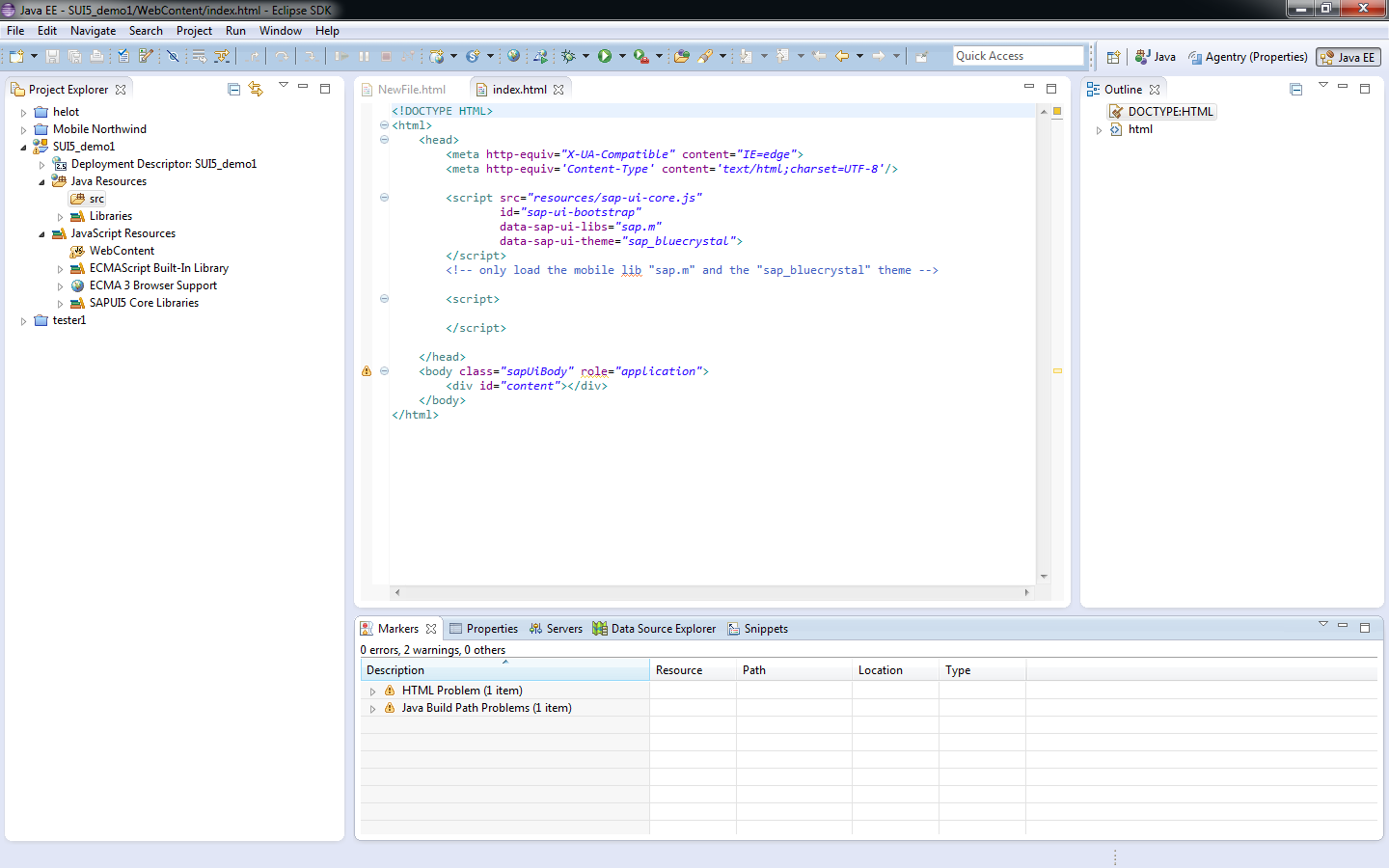
Select Application Project under SAPUI5 Application Development, and click next.



Enter an appropriate Project name, for this example use: SUI5\_demo1, ensure that sap.m are selected. For the project to be created without the MVC pattern, deselect the ‘Create an Initial View’ option. Click Finish.

A project will be created with the following structure:

* Libraries
* Content
* Bootstrap
* Application
* UI area



UI area

Application

Bootstrap

Libraries

Content

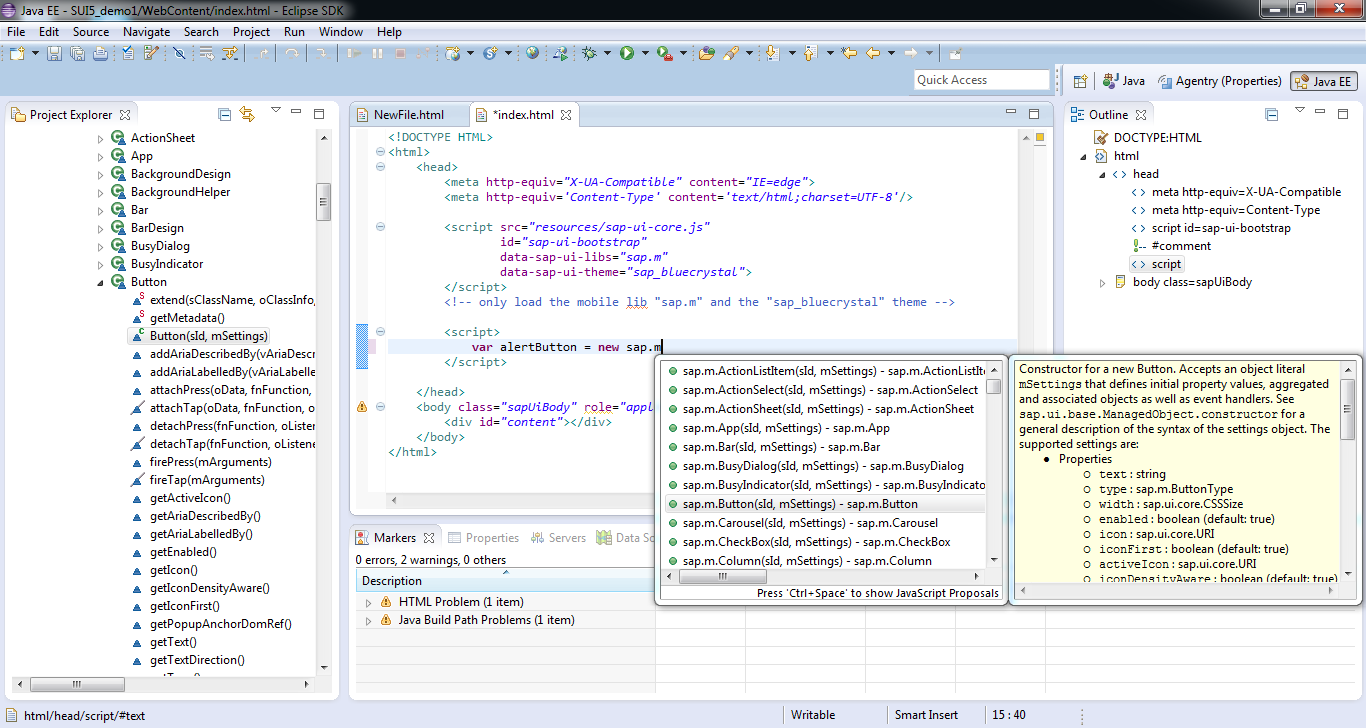
Console

# Task2: Create a button that displays an alert:

In your Project explorer go to the following folder:

JavaScript Resources>SAPUI5 Core Libraries>sap.m>Button this file contains the methods for the Button class that can be used, the following class will be used: Button(sId, mSettings).

In the <script></script> area start typing your JavaScript code:



Eclipse has the ability to show all available classes in the library that you can use. Create a new button labeled ‘click’ from the sap.m library that calls a function that displays an alert saying ‘alert!’. Your code would look as follow:

<script>

**var** alertButton = **new** sap.m.Button({

text: "click",

press: alertButtonHandler });

**function** alertButtonHandler(){

alert("alert!");

};

</script>

*Note: The notation used in the sap.m.Button method is called JSON notation. To set these properties, the GET and SET methods can also be used.*

Your application must be transferred to the UI area so the user can see it.

This can be achieved by the placeAt function from the sap.ui.core.control class:

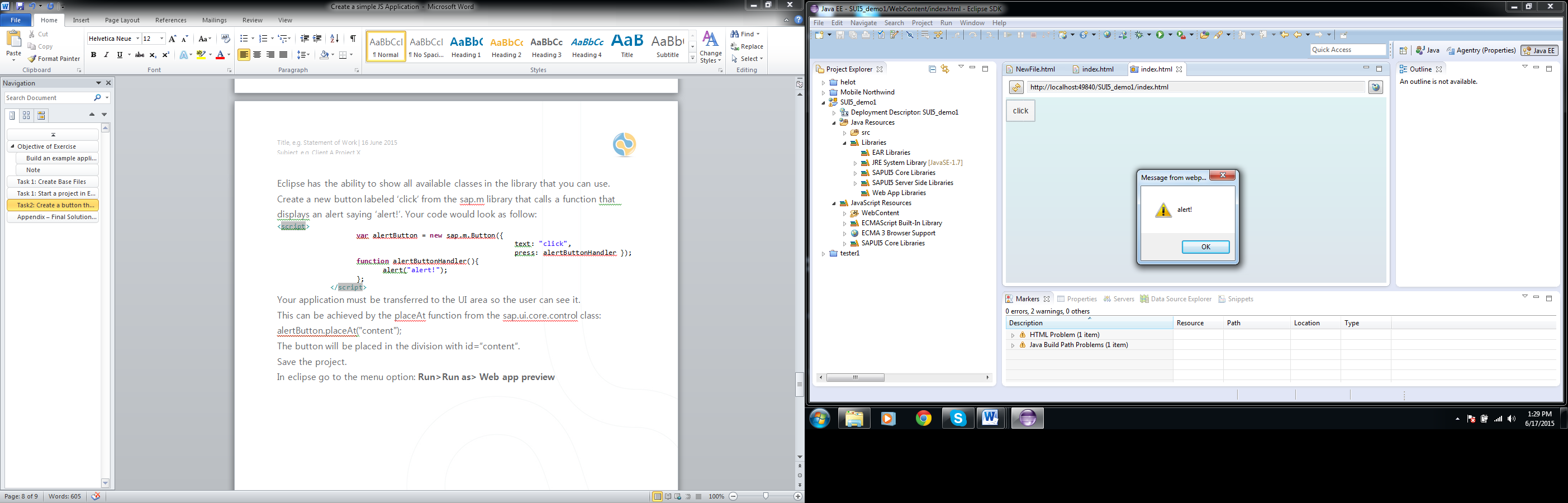
alertButton.placeAt("content");

The button will be placed in the division with id=”content”.

Save the project.

In eclipse go to the menu option: **Run>Run as> Web app preview**

The following screen will appear as a result:



This was you first basic SAP application