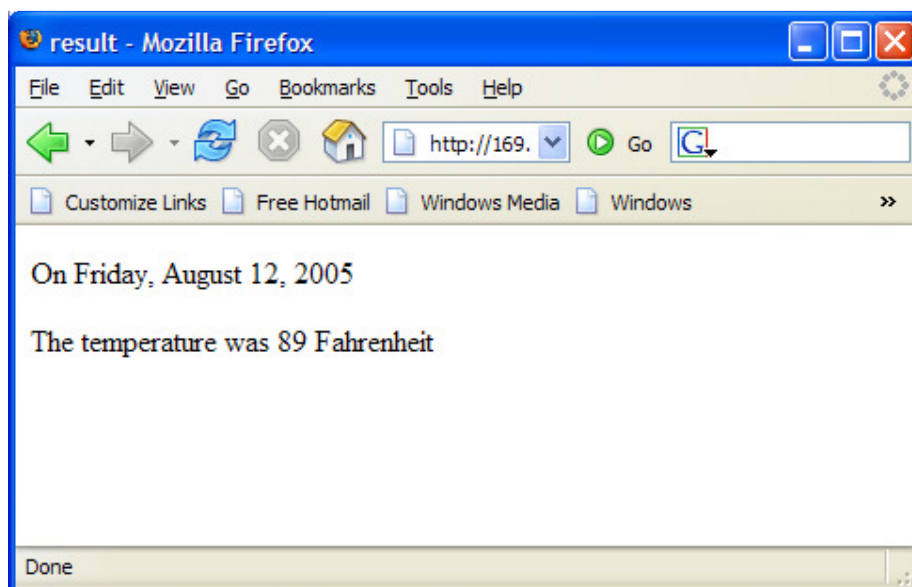
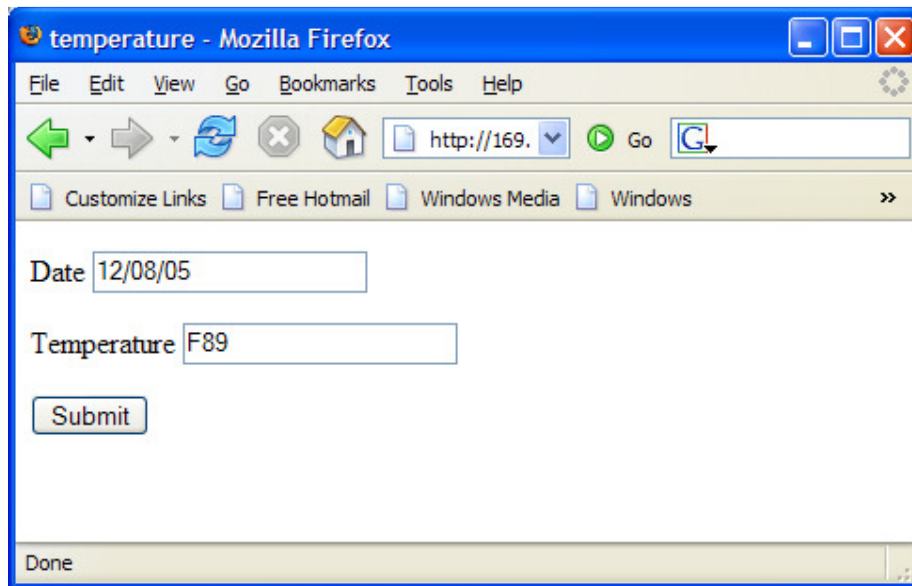


Lab 8.

Exercise 1: JSF Conversion

Write a new JSF application that does the following:

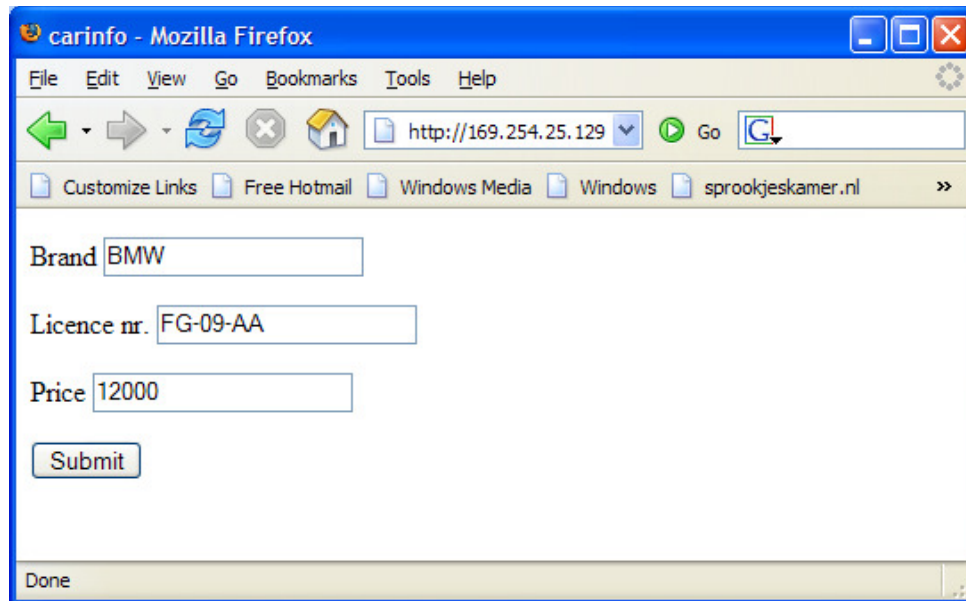
- Enter the date as pattern dd/MM/yy and then convert this string to a date with the format given below
- Enter the temperature as a string starting with C for Celsius or a F for Fahrenheit, followed by a number. Write a custom converter that converts this string to Fahrenheit or Celsius.



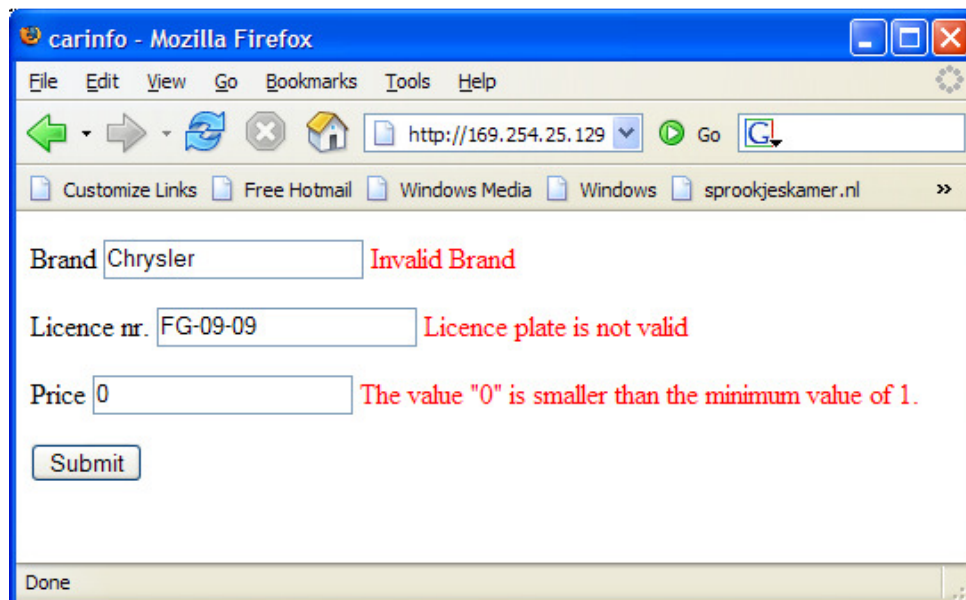
Exercise 2: JSF validation

Write a new JSF application where you can enter the following car information:

- Brand can only be “Mercedes” or “BMW”.
- Licence nr has to start with 2 capitals, followed by a dash ‘-’, followed by 2 numbers, followed by a dash ‘-’, followed by 2 capitals.
- Price should be a number between 1 and 100000



The screenshot shows a Mozilla Firefox browser window titled "carinfo - Mozilla Firefox". The address bar displays "http://169.254.25.129". The browser's toolbar includes navigation buttons (back, forward, home, stop, reload) and a search bar. Below the toolbar, there are several bookmark links: "Customize Links", "Free Hotmail", "Windows Media", "Windows", and "sprookjeskamer.nl". The main content area contains a form with three input fields: "Brand" with the value "BMW", "Licence nr." with the value "FG-09-AA", and "Price" with the value "12000". A "Submit" button is located below the "Price" field. The status bar at the bottom of the browser window shows "Done".



The screenshot shows the same Mozilla Firefox browser window, but now with validation errors. The "Brand" field contains "Chrysler" and has a red error message "Invalid Brand" next to it. The "Licence nr." field contains "FG-09-09" and has a red error message "Licence plate is not valid" next to it. The "Price" field contains "0" and has a red error message "The value '0' is smaller than the minimum value of 1." next to it. The "Submit" button remains visible below the "Price" field. The status bar at the bottom of the browser window still shows "Done".