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| Usability Engineering | CS2511 Practical Sessions |

# Introductory/Revision Exercise (ii)

## Populating Selection Boxes

The aim of this exercise is to explore the use of selection boxes in web forms.

The boxes will be used to select 'Departure' and 'Return' dates (e.g., for air travel). They should be arranged so that selecting a month causes the appropriate number of days to be listed in the 'date' box, (e.g., 31 for January, 28 for February, etc.). The boxes should also be linked so that when the user sets the departure date, the return date is automatically set to the next day.

* Create a web-page that includes a form.
* Within the form, create a pair of selection boxes for Month and Day-of-the-Month. The Month box should list the names of the months of the year. The Day-of-the-month box can hold a set of default values (e.g., 1-31). Label the pair of boxes 'Departure Date'.
* Write a script that, when the month is changed, loads the Day-of-the-Month box with the appropriate number of days. You can do this using an array that holds numbers of days for each month in the year.
* Create another pair of selection boxes for Month and Day-of-the-Month. Label the pair 'Return Date'.
* Extend the script so that, when the departure date is set, the return date is automatically set to the next day. The same month name should appear in the Month box, the correct number of days should appear in the Day-of-the-Month box, and the appropriate Day number should be showing.
* When this is working correctly, extend the script so that it correctly handles dates at the end of months (e.g., if the departure date is set to the January 31, it shows February 1 in the return box).