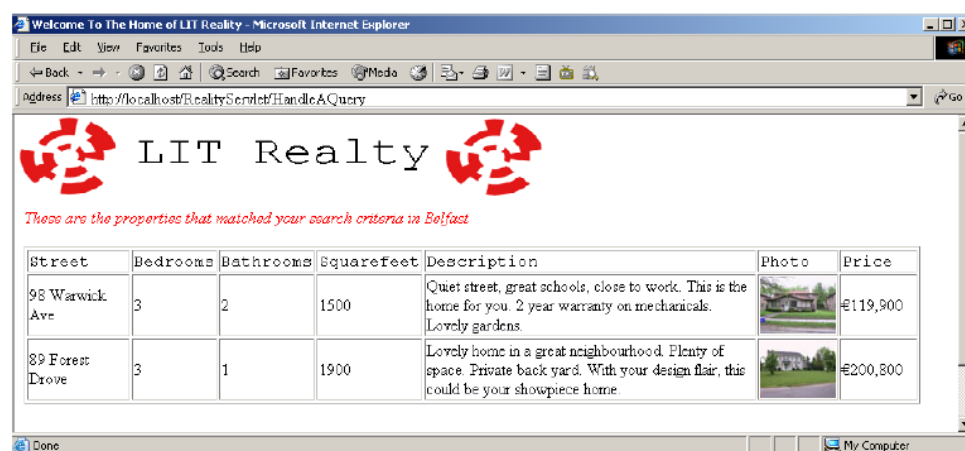
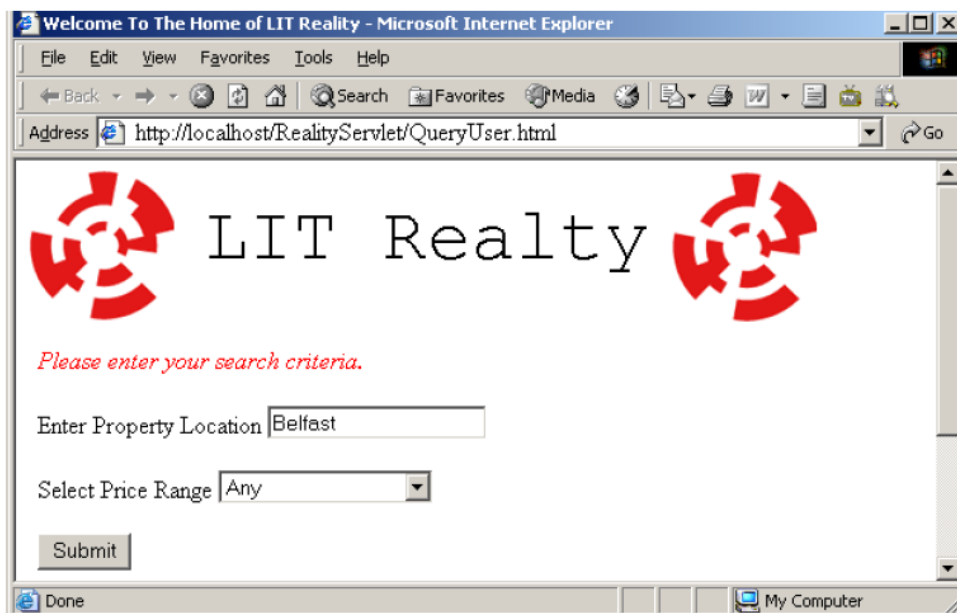


A company called LIT Realty has recently been formed in Limerick and has decided to base itself in the industry incubation centre in LIT's Moylish Park campus. LIT Realty sell property all over Ireland and have recently set up a website. The website is limited however, because it only displays static information. The company has commissioned you to develop a basic search facility for their website which will allow users to search the database of LIT Realty for a particular property (*task one*). LIT Realty also requires that you enable data-drill down on the list of properties that the search facility returns (*task two*).

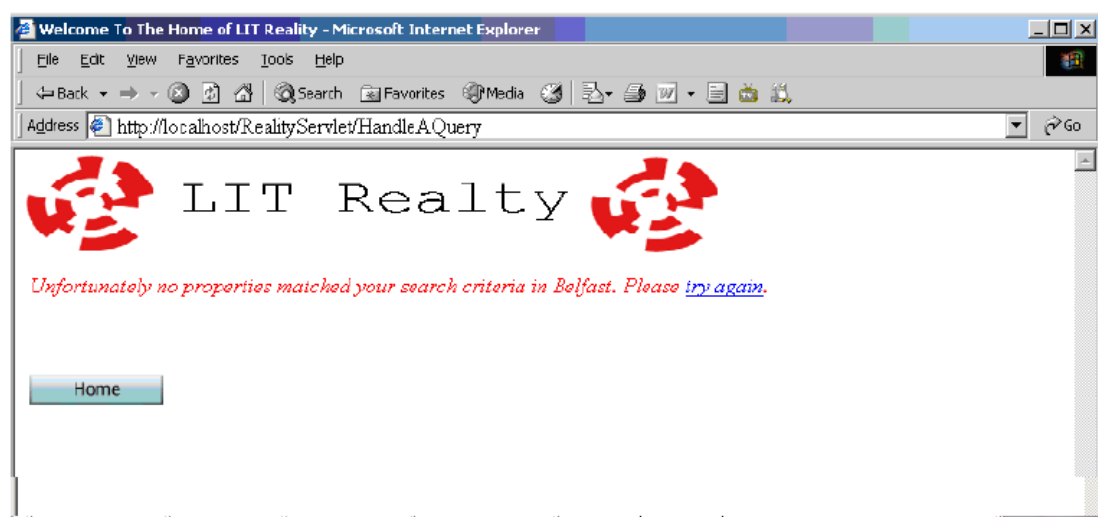
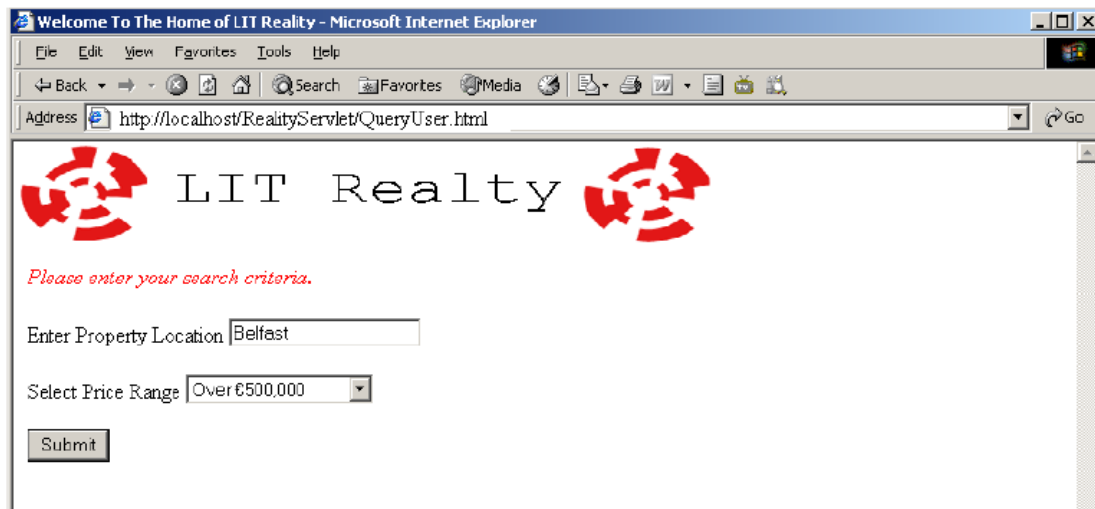
Task One – The Search Facility.

Your script will accept two values from a HTML form (a property location and a price range) and then search the Realty database (based on the information received from the client) and present the results neatly in a table.

A sample run of the application is shown below.



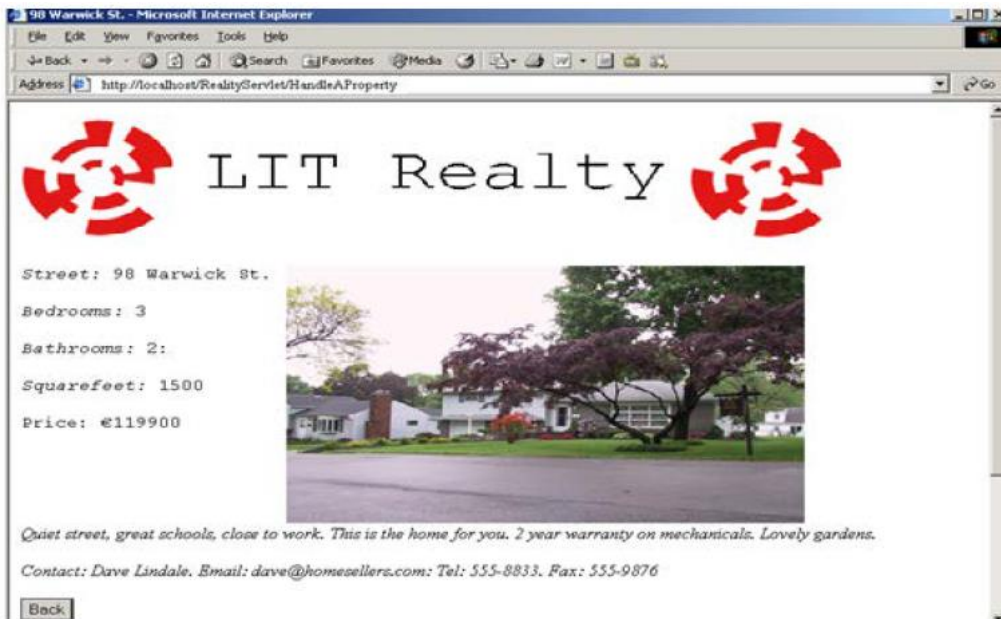
Your script must also be capable of displaying a message to the user if no such property meets with their search criteria.



Task Two – Data-Drill Down.

In information technology, to drill down means to move from summary information to detailed data by focusing in on something. In a GUI-environment, "drilling-down" may involve clicking on some representation in order to reveal more detail.

In this exercise, the thumbnail picture that is displayed for each property (in the search results page) must also appear as a link, that when clicked will display more information on the selected property. A screen grab of the drill down page for one of the properties is as follows:



Note the additional information displayed (noticeably the information relating to the agent who is responsible for selling the property) and the larger image.

Note 1: Use the *sql* script that is available on Moodle for this exercise.

Note 2: When you run this script, it will create a user account on your local machine with a username of “sd3user” and a password of “pass”. It will also create the database (and its five tables) under the name “litrealty”.

Note 3: The property images are available on Moodle for download.

Note 4: You must develop the HTML form also. The price range which is to appear in the html form is as follows:

“Any”

€150,000 – €200,000

€200,000 – €250,000

€250,000 - €350,000

€350,000 - €500,000