MODULE 2q - Browsing

There are numerous Web Browsers. When using PWF Linux you can conveniently
use the Mozilla Firefox Web Browser...

From a shell, key in the following command:

c207@pccl504:~> firefox http://www.cl.cam.ac.uk &

Note that http://www.cl.cam.ac.uk is the URL of the Computer Laboratory's
Home Page. After a short wait the Mozilla Firefox browser window appears.
Enlarge (or shrink) this to fill about 90% of the root window.

If there is a warning 'Server not found', you probably keyed in the URL
incorrectly. Click in the box under Help near the top of the window, then
key in the correct URL and press RETURN.

You should now be looking at the Home Page of the Computer Laboratory and it
is a good idea to make this page your browser's Home Page:

Click the Edit menu

Click Preferences

Click Use Current Page

Click Close

Via the File Menu, Quit from the browser; start again in a different way...

Click Computer to open the main menu

Click Applications to ensure that 'Favorite Applications' are shown

Click Firefox to start the Mozilla Firefox Web Browser again

The browser should open showing the home page of the Computer Laboratory.
If it doesn't, click the Home button which looks like a little house. It
is on the button bar below Bookmarks on the menu bar.

Notice the heading 'Information for', under which there is an entry
Current Tripos and Diploma students.

Click Current Tripos and Diploma students.

This brings up the main information page about the courses given in the
Computer Laboratory. Note in particular the links to information about
Syllabuses, Teaching course material, Previous years' examination papers,
Formal notices about the examinations and Lecture timetables.

Try some exploring and when finished...

Click in the box under Help near the top of the window, and replace the
URL show by http://java.sun.com   [Note there is no www in this.]

Press RETURN.

This brings up a page which is a useful starting point for gaining access
to Sun's Java documentation. Notice the heading 'Resources:' in a panel
on the right. Under this there are two useful links: Documentation and
Tutorials. It may be worth exploring Tutorials later but for now...

Click Documentation

This brings up a page which leads to Reference Documentation. Notice the
heading 'Popular Downloads' in a panel on the right. Under this there is
a link to J2SE 1.4.2 SDK which refers to the Java 2 Standard Edition of
the Sun Developer Kit.

Click J2SE 1.4.2 SDK

This brings up a page where, in a panel on the left, there is a heading
'Reference' and under this there is a link to API Specifications.

Click API Specifications

The Mozilla Firefox window then subdivides into three frames, one of which
is headed 'All Classes'.

In the 'All Classes' frame, carefully scroll down to the entry
ArrayIndexOutOfBoundsException

Click ArrayIndexOutOfBoundsException

An explanation appears in another frame.
Do not expect to understand the entry in detail but, on scrolling through
it, note that you are told that this exception is 'Thrown to indicate that
an array has been accessed with an illegal index. The index is either
negative or greater than or equal to the size of the array.'

This is a standard way of looking up information about Java classes.

Now return to the Computer Laboratory Home Page:

Click the Home button

This should once again bring up the familiar Home Page. When finished...

Via the File menu, Quit from the browser.

OTHER TASKS

By this stage of the course you should be able to attempt the following
problems in the Problems sheet:

1. The Fibonacci Series Problem

2. The Greenfly Problem

3. All Prime Numbers less than 600

4. A Sort Problem