MODULE 2q - Browsing

There are various Web Browsers on the PWF. When using Linux you should
use the Netscape Browser. Enter this browser with the following command:

$ netscape http://www.cl.cam.ac.uk/ &

You may have to wait half a minute or more for Netscape to appear and
on the way you are likely to be confronted by one or more Netscape Error
windows. Ignore any such window and other sources of error messages for
the moment. You will probably be invited to accept a Netscape License
Agreement, in which case...

Click Accept

If you have any windows headed Netscape Error...

Click OK   [on each of them in turn]

Eventually information appears in the browser window. Notice the box
labelled 'Netsite:' or 'Location:' near the top of the window. Check
that this contains   http://www.cl.cam.ac.uk/

Amend the contents if there is anything else there and press Return

You have reached the Home Page of the Computer Laboratory of the
University of Cambridge.

This should bring up the Home Page of the Computer Laboratory in which
you will see a list of headings including 'Other' (you may have to scroll
down to find this heading). 'Other' refers to 'Items which don't fit
neatly...'

Click Other

This brings up more headings including 'Documentation'.

Click Documentation

This brings up more headings including 'Java documentation'.

Click Java documentation

This brings up Local Java Documentation. Under 'Contents' note the
entry 'Tutorials'.

Click Tutorials

Note, under '2.1 The Java Tutorial' a line beginning "Glarius Festival"

Click "Glarius Festival"

This brings up an on-line Tutorial. Some people like this work and it is
worth exploring it later but not now!

Go Back to the 'Local Java Documentation' page. Near the top left-hand
corner of the Netscape window there is a button marked Back...

Click Back

This takes you back to the page containing the line beginning "Glarius
Festival" but you will probably have to scroll up a little to see it.

Click Back   [again]

Scroll up (if necessary) to check that you are back at the Local Java
Documentation page.

Scroll down (if necessary) and notice that the next major heading after
'Contents' is 'API Reference Manuals' and this is followed by a sub-heading
'1.1 Java Development Toolkit'.

Note, just below this sub-heading 'J2 SDK 1.3.0 update 1'

Click J2 SDK 1.3.0 update 1

Scroll down to the sub-heading 'Java 2 Platform API Specification'

Click 'Java 2 Platform API Specification'

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

Click in the 'All Classes' frame and scroll down to the entry
ArrayIndexOutOfBoundsException

Click ArrayIndexOutOfBoundsException

An explanation appears in another frame.

Click in this other frame to select it.

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.'

Via the File Menu, Exit 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