Introduction

The main purpose of this assignment is to get you used to the Ada programming environment, and the language. It is not so much an assignment, rather an opportunity to “play around” with Ada.

Exercise:

Have a look at the different implementations of the queue, as presented in the lecture (the source code is available on the course home page).

Modify the protected queue, so that it implements a stack instead. Also implement a test program, which tries to identify possible errors in the stack implementation - try to cover most common problems which you think might occur. The test program should be self-running, and should provide a summary/log documenting the success of the test.