Exercise Sheet, Week 1

1. Find the name of the student with a certain `id` in an array or a linked list.

2. Linked List of Students (each student is represented by a block of three locations in `Mem`: name, id, address of the next one). Write functions specified as follows:

   - Is there a student with `id` equal to `2113812` in the linked list?
   - Write a procedure that computes this for a given `id`. What has to change from the procedure `index` we had before?

3. Write function `swap` for linked lists that exchanges two elements on given positions.

4. Write `delete_end` for linked lists (without a pointer to the end).