302-A03  Using linky to implement a queue ADT

This exercise is more of a practice drill. Repeat the work you did for exercise 302-A02 but this time to implement an integer queue ADT. You will use the following files:

- **queue.h** will contain the headers (aka declarations) of our functions.
- **queue.c** will contain the definitions of some of these functions
- **tests_queuey.c** will contain the main function which tests all of the above

**Functions to implement reusing the integer linked list ADT**

```c
void TCell_enqueue ( TCell** list, int value);
- create a new TCell to store the integer value
- add it in front of the linked list *list.
```

```c
int TCell_dequeue (TCell** list);
- locate the last element of the linked list and store its int value in a temporary
  variable value
- Deallocate the TCell structure corresponding to the last element of the linked list
  and update the linking in the linked list accordingly
- Return the value value
```

**Adding new tests**

Use the **tests_queuey.c** main function to design and implement tests which are going to allow us to easily and visually validate the functions you implemented.