

# Homework

## 1. (Programming)

The attached code ('linked\_stack.cpp') was implemented using simple linked list. Re-implement the functions in the code using circular doubly linked list which is defined as below, and then run the main function of the code.

```
typedef struct DListNode {  
    element data;  
    struct DListNode *llink;  
    struct DListNode *rlink;  
} DListNode;
```

## 2. (Programming)

The attached code ('Simulation.cpp') was implemented with the assumption that there is a single bank staff. Revise the code accordingly in case that two bank staffs work, and then print out the results using 'print\_stat()' in the code.

Note) A relatively large should be set to obtain meaningful results.