

Name/Surname:

Date:

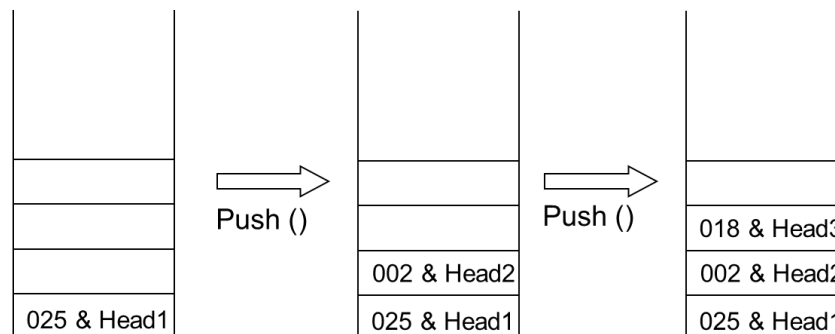
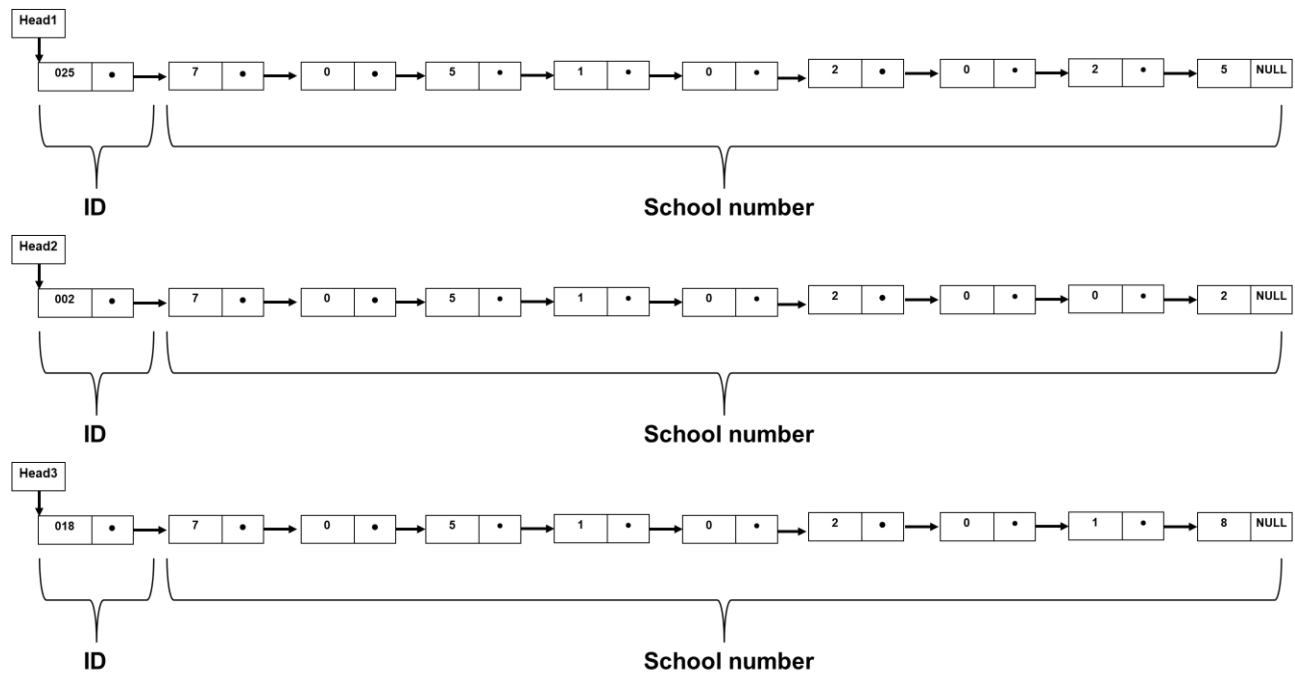
Number:

**EHB208E**

## Data Structures Homework

**Spring 2020**

- 1) (A) Write a "C" program, which inputs and then saves school numbers into linked lists. Each school number will be saved in a separate linked list as shown below. The data of the first node of each linked list is input ID. Input ID values will be equal to the last three digits of school numbers. Following nine nodes are for school numbers. Afterwards, the address of each linked list and the ID numbers will be pushed on a stack. ID numbers can be used finding the minimum or maximum among the entered school numbers. (60 points)
- (B) Write a function which displays all the entered school numbers. (10 points)
- (C) Write a function which displays the minimum school number to screen according to the last three digits of your school numbers. (30 points)
- example:** 705102002 is minimum if we compare with the other entered school numbers. Therefore, 705102002 will be printed.



Upload your homework's C source files to "EHB208E Homework" field in your Ninova system.

Upload your homework's C codes in PDF or WORD format to Turnitin web page

(<https://www.turnitin.com/>).