**COM2067**

**LAB 2**

In this lab, you are expected to write a single linked list structure containing books you plan to read. Each node in the list will represent a book.

For the lab question, perform the following operations:

• Delete the node based on the ISBN number requested from the user (DEL\_ISBN)

• Move the node with the book name requested from the user to the end of the list (MOVE\_END)

The commands that the user can type are given in parentheses. Write the corresponding functions for these commands. Other commands you can use:

ADD\_BEG: Bağlı listenin başına düğüm ekler.

ADD\_END: Bağlı listenin sonuna düğüm ekler.

PRINT: Bağlı listeyi yazdırır.

QUIT: Programı sonlandırır.

**Sample Input:**

ADD\_BEG Kurk\_Mantolu\_Madonna 8028 Sabahattin\_Ali

ADD\_END Suc\_ve\_Ceza 6279 Fyodor\_Dostoyevski

ADD\_BEG Don\_Kisot 9954 Miguel\_de\_Cervantes

ADD\_END Savas\_ve\_Baris 1869 Lev\_Tolstoy

ADD\_END Anna\_Karenina 1877 Lev\_Tolstoy

ADD\_BEG Tutunamayanlar 1972 Oguz\_Atay

ADD\_END Saatleri\_Ayarlama\_Enstitusu 1961 Ahmet\_Hamdi\_Tanpinar

ADD\_END Ince\_Memed 1955 Yasar\_Kemal

ADD\_END Calikusu 1922 Resat\_Nuri\_Guntekin

ADD\_END Aylak\_Adam 1959 Yusuf\_Atilgan

ADD\_END Simyaci 1988 Paulo\_Coelho

ADD\_END Yabanci 1942 Albert\_Camus

ADD\_END Dune 1965 Frank\_Herbert

ADD\_END Foundation 1951 Isaac\_Asimov

ADD\_END The\_Hobbit 1937 J\_R\_R\_Tolkien

DEL\_ISBN Resat\_Nuri\_Gultekin

PRINT

**Sample Output:**

1) Tutunamayanlar | Oguz\_Atay | 1972

2) Don\_Kisot | Miguel\_de\_Cervantes | 9954

3) Kurk\_Mantolu\_Madonna | Sabahattin\_Ali | 8028

4) Suc\_ve\_Ceza | Fyodor\_Dostoyevski | 6279

5) Savas\_ve\_Baris | Lev\_Tolstoy | 1869

6) Anna\_Karenina | Lev\_Tolstoy | 1877

7) Saatleri\_Ayarlama\_Enstitusu | Ahmet\_Hamdi\_Tanpinar | 1961

8) Ince\_Memed | Yasar\_Kemal | 1955

9) Aylak\_Adam | Yusuf\_Atilgan | 1959

10) Simyaci | Paulo\_Coelho | 1988

11) Yabanci | Albert\_Camus | 1942

12) Dune | Frank\_Herbert | 1965

13) Foundation | Isaac\_Asimov | 1951

14) The\_Hobbit | J\_R\_R\_Tolkien | 1937