

## CE 221 – LINKED LIST LAB

Download *Node.java*, *MyLinkedList.java* and *Main.java*, from

<http://homes.ieu.edu.tr/tunay>. Create a Java Project, put all downloaded Java files in the same package.

1. Instantiate a **MyLinkedList** object in the main function.
2. **MyLinkedList** object has an ***add(int data)*** method which add data to the end of the list. Use that method to add your school number digits one by one.  
EX: If your student number is 20080601061, then first add 2 after that 0 then 0 again then 8 etc.
3. Print the list by using ***printList()*** method.
4. **MyLinkedList** object has a ***delete(int data)*** method which deletes the given data if the list contains it. Use that method to delete duplicate digits.  
**EX:** If your student number is 20080601061, then delete 0, 0, 0, 0, 6, 1
5. Print the list by using ***printList()*** method, again.
6. Declare and define an ***addAt(int data, int pos)*** method which inserts the data after the given position.  
**EX:** If your list is 2 8 6 1, after using ***addAt(3,2)*** it will become 2 8 3 6 1.
7. Submit *Node.java*, *MyLinkedList.java*, *Main.java* to [ce221ieu@gmail.com](mailto:ce221ieu@gmail.com). No project files, just .java files. Your subject must be **LinkedListLab\_Thursday\_Your\_Name**.