

Linked List

The MyList class is a linked list of Person objects (String name, int age).

1. addLast(String xName, int xAge) – check if xName has the first letter 'B' or $xAge < 17$ then do nothing, otherwise add new person to the end of the list.
2. Delete the first node having age = 20.
3. Display the first 5 person having age > 22
4. Find the second max age. Display the first person having that age.
5. Sort the list descendingly by age.
6. Delete the last node having age = 20
7. Display the last 5 person having age > 22
8. Find the third max age.
9. add(String xName, int xAge, int index) – insert the new person at the given index
10. sort(int startIndex, int endIndex) – sort the linked list ascendingly by name from startIndex to endIndex