EADS LAB TASK1

Public Methods:

Sequence()	Constructor: Creates an Empty List
~Sequence()	Destructor: Deletes whole list.
Sequence(const Sequence <key,info> &x)</key,info>	Copy Constructor: Copies the Sequence to the new defined done.
Sequence <key,info> &operator=(const Sequence<key,info> &x)</key,info></key,info>	Assignment Operator: Copies one Sequence to predefined the other.
bool operator==(const Sequence <key,info> &x)</key,info>	Comparison Operator: returns true if both sequences are equal, false if not.
bool operator!=(const Sequence <key,info> &x)</key,info>	Comparison Operator: returns false if both sequences are equal, true if not.
bool pushBack(Info data,Key key)	Pushes the given element as the last element of the sequence.
bool pushFront(Info data,Key key)	Pushes the given element as the first element of the sequence.
node findElement(int pos) const	Finds the element in the given position and returns its pointer. Returns NULL if there is no element in that position.
bool removeByKey(Key key)	Removes all elements with the given key. Returns true if atleast 1 element is deleted, false if not.
bool removeByInfo(Info data)	Removes all elements with the given Info. Returns true if atleast 1 element is deleted, false if not.
bool removeByPos(int pos)	Removes the element with the given position in the list
int NumberOfElements() const	Returns number of the elements in the list.
bool isEmpty()	Returns true if first node is NULL(list is empty) ,false if not.
void clear()	Deletes all the elements from the list
void print()	Prints the whole list with spaces between them.

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Private:
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