	IDELI01
	- Which statement below is wrong in the context of list data structure?
	Select one:
O	In the list, items are referenced by their value.
C	Every item in the list, except for the head and tail, has an unique predecessor and an
_	unique successor.
0	List can be implemented using an array or a collection of linked nodes.
•	A list is a sequence of zero or more items of the same type.
	IDELI02
	- In the ADT of the list data structure, getLength() method returns a/an value?
	Select one:
0	Real number.
0	Boolean.
	Boolean.
•	String.
O	Integer.
	IDELI03
	- In the ADT of the list data structure, isEmpty() method returns a/an value?
	Select one:
	String.
0	Real number.
•	Boolean.
0	
~	Integer.
	IDELI04
	– Which statement is correct about array-based list?
	Select one:
•	Array-based is faster than linked-list in case of accessing list's items.

С	They can be implemented by Java language only.
0	Array-based is faster than linked-list in case of inserting new item into the list.
С	Elements of array-based list can be located dinamically and discontinuously.
	IDELI05 - Which statement is correct about linked-list?
	Select one:
•	Linked-list cost more than array-based list in term of deleting and inserting operations.
0	Elements of linked-list can be located dinamically and discontinuously.
0	Elements of linked-list must be stored in consecutive memory blocks.
0	Array-based list is more flexible in list's size than linked-list.
	IDELI06
	- In the ADT of the list data structure, remove(int post) method will?
	Select one:
О	Remove an item at the pos position form the list.
0	Remove the last item form the list.
•	Remove the first item from the list.
O	Remove all items from the list.
	IDELI08 — In a Singly Linked List that have only one node X, which value does X.getNext() return?
	Select one:
0	null
0	The tail node
0	The head it self
O	undefined
	IDELI09

```
- Suppose that X is a node in the middle of the Singly Linked List. Complete the code
   below to delete all nodes after X from the list?X.setNext(____);
   Select one:
o null.
C X.getNext().
  X.getNext().getNext().
   tail.
   IDELI11
   - Complete the code below to insert a new node X at the POS position of a Singly
   Linked List?
    SLNode Y=traversing(POS); //travel to POS position
    X.setNext( );
    Y.setNext(X);
   Select one:
Y.setNext(tail).
   Y.getNext().
C X.getNext().
   X.setNext(Y).
   IDELI12
   - Complete the code below to travel from the head node to the POS position of a Singly
   Linked List?
    int c=1;
    SLNode node = head;
    while (c < POS)
         node=node.getNext();
    return node;
```

	Select one:
0	node++
0	node=node.setNext(tail)
0	c=c+1
•	c=c.getNext()
	IDELI14
	– Which is the common form of a node X in a Doubly Linked List?
	Select one:
0	X(data, next)
0	X(data)
•	X(data, prev, next)
0	X(data, prev)
	IDELI15
	– Which is common form of a node X in a Singly Linked List?
	Select one:
0	Select one: X(data, next)
C	
	X(data, next) $X(data)$
0	X(data, next) $X(data)$ $X(data, prev, next)$
C	X(data, next) X(data) X(data, prev, next) X(data, prev)
0	X(data, next) X(data) X(data, prev, next) X(data, prev) IDELI16
0	X(data, next) X(data) X(data, prev, next) X(data, prev) IDELI16 — A mathematical-model with a collection of operations defined on that model is called?
0	X(data, next) X(data) X(data, prev, next) X(data, prev) IDELI16 — A mathematical-model with a collection of operations defined on that model is called? Select one:
0	X(data, next) X(data) X(data, prev, next) X(data, prev) IDELI16 — A mathematical-model with a collection of operations defined on that model is called? Select one: Primitive data type.
C	X(data, next) X(data) X(data, prev, next) X(data, prev) IDELI16 — A mathematical-model with a collection of operations defined on that model is called? Select one: Primitive data type. Data structure.
0	X(data, next) X(data) X(data, prev, next) X(data, prev) IDELI16 — A mathematical-model with a collection of operations defined on that model is called? Select one: Primitive data type.