Question 1:

1. ***Template*** is a declaration;
2. ***Virtual...=0*** means that clear function is a pure virtual function
3. ***Const Elem&*** means that an object e is passed by reference while maintaining the security of a call-by-value.
4. ***Const*** after a member function, protect all member variables from any change in this function including this.

Question 5:

I use all functions determined in the ***DLList*** class to test the algorithm which is written in”***main.cpp***”

Question 8:

We connect the pointer which we introduced to the head of ***freelist***, and then we make the ***freelist*** point to this pointer, so that we finished a case of connection.

Void means that at first, the pointer that we firstly convey can be any type, and then next we transform the parameter to the type of class so we add ***Link<Elem>***

in the head.

Question 9:

1. It allows the ***Link*** class programmer to provide simple but efficient memory management routines instead of making repeated call to ***new*** and ***delete*** which are relatively expensive to use
2. It is useful for linked lists that periodically grow and then shrink
3. When a program uses multiple lists, as long as they do not all grow and shrink together, the free list can let link nodes move between them.