Question 4 :

Write the method **public void clip(int k)**, member of **LinkedList**, which removes the first **k** elements and the last **k** elements from the list. Assume that $k \geq 0$ and that l has at least $2k + 1$ elements.

Example 0.1. *For* $l = \{A, C, D, E, F, G, H\}$ *and* $k = 2$, *then after calling* `l.clip(2)`, l *becomes* $\{D, E, F\}$.

Complete the method **permute** below.

```
1  public void clip(int k) {
2    for (int i = 0; i < k; i++)
3      ...
4    Node<T> p = head;
5    Node<T> q = head;
6    for (...)
7      q = ...;
8    while (...) {
9      ...;
10     ...;
11   }
12   p.next = null;
13 }
```

Line 3 :


```
1  public void clip(int k) {
2    for (int i = 0; i < k; i++)
3      ...
4    Node<T> p = head;
5    Node<T> q = head;
6    for (...)
7      q = ...;
8    while (...) {
9      ...;
10     ...;
11   }
12   p.next = null;
13 }
```


Line 3 :

A) `head = head.next;`

B) `current.next = null;`

C) `head.next = null;`

D) `current = current.next;`

E) None

QUESTION 29

2 points ✔ Saved

Line 6 :

A) `for (int i = 0; i < k / 2; i++)`

B) `for (int i = 0; i < length(); i++)`

C) `for (int i = 0; i <= k; i++)`

D) `for (int i = 0; i < k; i++)`

E) None

QUESTION 30

2 points ✔ Saved

Line 7 :

A) `q = current.data;`

B) `q = head.next;`

C) `q = p.next;`

D) `q = current.next;`

E) None

QUESTION 30

2 points ✔ Saved

Line 7 :

A) `q = current.data;`

B) `q = head.next;`

C) `q = p.next;`

D) `q = current.next;`

E) None

$q = q.next$

QUESTION 31 2 points ✔ Saved

Line 8 :

A) `while (q != null) {`

B) `while (p != null) {`

C) `while (q != current) {`

D) `while (q != q) {`

E) None

Line 9 :

A) `q = current.next;`

B) `q = p;`

C) `q = q.next;`

D) `q = p.next;`

E) None

QUESTION 33 1 points ✔ Saved

Line 10 :

A) `p = current.next;`

B) `p = p.next;`

C) `p = q.next;`

D) `p = q;`

E) None