

Write a program that will build a DoubleList Class for a circular double linked list. You will read in list of Strings and place them into the list. You will then remove a certain word based on the location given.

Sample Data :

```
3
A A A A B V S E A S A A
24
A B C
-29
A B C A B C A B C A B C A B C
1
```

Sample Output :

```
The Double Linked List
A-7 B-1 V-1 S-2 E-1
Removing E
The New Double Linked List
A-7 B-1 V-1 S-2
```

```
The Double Linked List
A-1 B-1 C-1
Removing B
The New Double Linked List
A-1 C-1
```

```
The Double Linked List
A-5 B-5 C-5
Removing B
The New Double Linked List
A-5 C-5
```