

```
1: #include <stdio.h>
2: #include <stdlib.h>
3: #include "deque.h"
4:
5: int main(void) {
6:     int i, s;
7:     init(); // Start deque
8:
9:     for (i=0; i< 10; i++) {
10:         insertLeft(i*i);
11:         s = size()
12:         printf("Size = %d Data = %d\n", s, removeRight());
13:         insertLeft(i*i*i);
14:     }
15:
16:     while (size()>0) {
17:         printf("Emptying deque %d\n", removeRight());
18:     }
19:
20:
21:     return 0;
22: }
```