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```
Start it from the beginning? (y or n) y
Starting program: /home/ubuntu/main
Creating Node, 1 are in existence right now
Creating Node, 2 are in existence right now
Creating Node, 3 are in existence right now
Creating Node, 4 are in existence right now
The fully created list is:
4
3
2
1


Now removing elements:
Creating Node, 5 are in existence right now
Destroying Node, 4 are in existence right now
4
3
2
1


Breakpoint 1, LinkedList<int>::remove (this=0x55555556aeb0,
    item_to_remove=@0x7fffffffe43c: 1) at main.cc:52
52              Node<T> *marker = head_;
(gdb)
```

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```
52              Node<T> *marker = head_;
(gdb) step
53              Node<T> *temp = 0;  // temp points to one behind as we iterate
(gdb)
55              while (marker != 0) {
(gdb)
56                  if (marker->value() == item_to_remove) {
(gdb)
Node<int>::value (this=0x7ffff7f1344e <std::ostream::put(char)+94>)
    at main.cc:30
30          const T& value () const { return value_; }
(gdb)
LinkedList<int>::remove (this=0x55555556aeb0,
    item_to_remove=@0x7fffffffe43c: 1) at main.cc:75
75                  marker = 0;  // reset the marker
(gdb)
76                  temp = marker;
(gdb)
77                  marker = marker->next();
(gdb)
Node<int>::next (this=0x55555556b360) at main.cc:28
28          Node<T>* next () const { return next_; }
(gdb)

Program received signal SIGSEGV, Segmentation fault.
```

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