

Imperative Program for List Length (JAVA)

```
class Element {
    Data    value;
    Element next;
}

class List {
    Element head;

    static int length (List l) {

        int n = 0;

        while (l.head != null) {
            l.head = l.head.next;
            n = n + 1;
        }
        return n;
    }
}
```