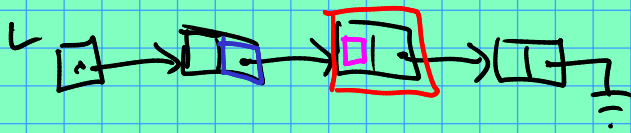How to simply print contents of list?
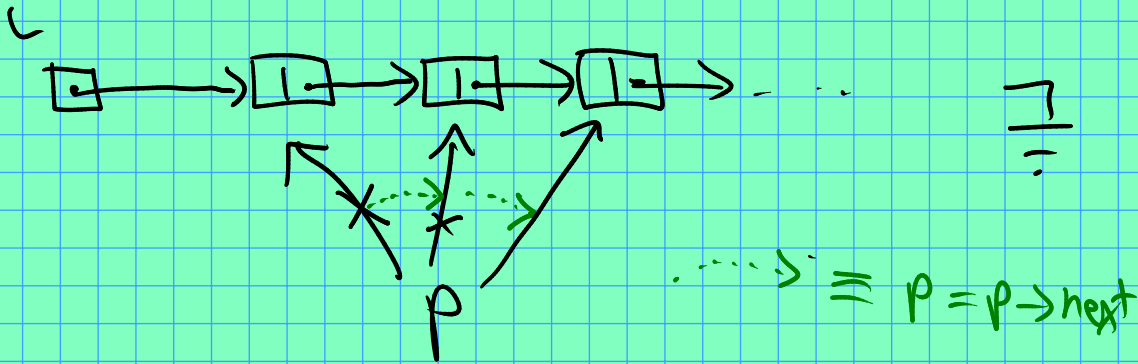

$L \rightarrow next$

$*L \rightarrow next$

$(*L \rightarrow next).data \equiv L \rightarrow next \rightarrow data$

$(*P).data \equiv p \rightarrow data$
"dereference followed by dot
$\equiv$ arrow"

$\cdots \cdots > \equiv p = p \rightarrow next$

```
node* p = L;
while (p != NULL) {      // while p not
    cout << p->data <<" ";    // at end of list
    p = p->next;
}
cout << "\n";
                        // L ≡ .begin()
                        // NULL ≡ .end()
```

How to remove a node from the beginning
of a list?
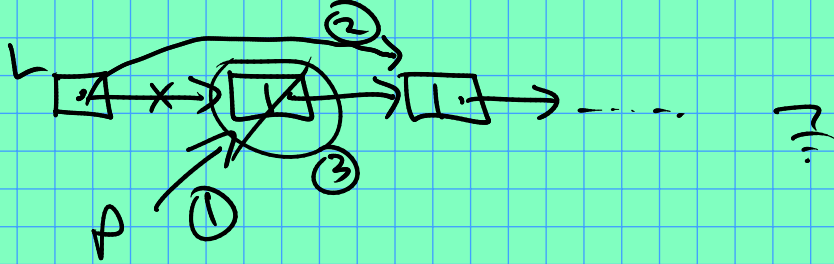
```
node* p = L;      // ①
L = L→next;       // ②
delete p;         // ③
```

(Watch out for
empty list...)

Exercise : how to clear entire list.