

List iterator

Write a class that can be passed an instance of `List[Int]` and will allow you to iterate a collection as follows:

- `hasNext` returns true if there are more elements left to iterate
- `next` returns the next element in the collection

Examples

```
val iter: Iterator = new Iterator(List(1,2,3))

iter.hasNext // true
iter.next // 1

iter.hasNext // true
iter.next // 2

iter.hasNext // true
iter.next // 3

iter.hasNext // false
iter.next // Will cause exception
```