QUIZ 1

COMP9021 PRINCIPLES OF PROGRAMMING

Sample outputs

```
$ python3 quiz_1.py
Enter two nonnegative integers: 0 4

The generated list L is:
   [3, 3, 0, 2]

Here is M:
   [0, 3, 2, 3]

Here is N:
   [3, 2, 0, 3]

Here is L again:
   [3, 3, 0, 2]
$ python quiz_1.py
Enter two nonnegative integers: 1 5

The generated list L is:
   [1, 4, 0, 2, 0]

Here is M:
   [0, 1, 0, 4, 2]

Here is N:
   [1, 4, 0, 0, 2]

Here is L again:
   [1, 4, 0, 2, 0]
$ python quiz_1.py
Enter two nonnegative integers: 2 6

The generated list L is:
   [0, 0, 0, 2, 1, 5]

Here is M:
   [2, 0, 5, 0, 1, 0]

Here is N:
   [0, 0, 0, 2, 1, 5]

Here is L again:
   [0, 0, 0, 2, 1, 5]
```

L(0) L(N(0)) L(L(N(0)))

Date: Session 2, 2017.

```
$ python quiz_1.py
Enter two nonnegative integers: 3 7

The generated list L is:
   [1, 4, 4, 1, 2, 4, 3]

Here is M:
   [1, 1, 3, 4, 4, 4, 2]

Here is N:
   [1, 4, 2, 4, 1, 4, 3]

Here is L again:
   [1, 4, 4, 1, 2, 4, 3]
$ python quiz_1.py
Enter two nonnegative integers: 4 8

The generated list L is:
   [3, 4, 1, 6, 7, 2, 1, 1]

Here is M:
   [7, 3, 1, 4, 1, 1, 2, 6]

Here is N:
   [3, 6, 1, 4, 7, 1, 1, 2]

Here is L again:
   [3, 4, 1, 6, 7, 2, 1, 1]
$ python quiz_1.py
Enter two nonnegative integers: 5 9

The generated list L is:
   [4, 5, 8, 0, 7, 3, 0, 2, 1]

Here is M:
   [7, 4, 1, 5, 2, 8, 0, 0, 3]

Here is N:
   [4, 7, 2, 8, 1, 5, 3, 0, 0]

Here is L again:
   [4, 5, 8, 0, 7, 3, 0, 2, 1]
```