

## 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]

```
$ 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]
```