Quiz 1

COMP9021 Principles of Programming

2014 session 1

Sample outputs

```
$ a.out 0
The digits that have been generated are:  0 1 0 2 1 1 0 2 3 1
 7 of those digits are not equal to 0.
 The largest nonzero least frequent digit is 3
 The smallest nonzero most frequent digit is 1
$ a.out 1
The digits that have been generated are:  2 4 3 3 0 2 4 3 3 4
 9 of those digits are not equal to 0.
 The largest nonzero least frequent digit is 2
 The smallest nonzero most frequent digit is 3
$ a.out 3
The digits that have been generated are:  1 2 0 2 3 1 2 0 0 3
 7 of those digits are not equal to 0.
 The largest nonzero least frequent digit is 3
 The smallest nonzero most frequent digit is 2
$ a.out 4
The digits that have been generated are:  3 1 1 0 1 3 1 3 3 0
 8 of those digits are not equal to 0.
 The largest nonzero least frequent digit is 3
 The smallest nonzero most frequent digit is 1
$ a.out 8
The digits that have been generated are:  1 0 2 3 2 4 2 4 4 3
 9 of those digits are not equal to 0.
 The largest nonzero least frequent digit is 1
 The smallest nonzero most frequent digit is 2
$ a.out 127
The digits that have been generated are:  4 1 1 0 1 0 3 4 4 2
 8 of those digits are not equal to 0.
 The largest nonzero least frequent digit is 3
 The smallest nonzero most frequent digit is 1
```