QUIZ 2

COMP9021 PRINCIPLES OF PROGRAMMING

Sample outputs

```
$ python quiz_2.py 10 43 0
The encoded set is: {0, 1, 3, 5}
The rotated encoded set is: {0, 1, 3, 5}
$ python quiz_2.py 10 43 1
The encoded set is: {0, 1, 3, 5}
The rotated encoded set is: {1, 2, 4, 6}
$ python quiz_2.py 10 43 2
The encoded set is: {0, 1, 3, 5}
The rotated encoded set is: {2, 3, 5, 7}
$ python quiz_2.py 10 43 4
The encoded set is: {0, 1, 3, 5}
The rotated encoded set is: {4, 5, 7, 9}
$ python quiz_2.py 10 43 5
The encoded set is: {0, 1, 3, 5}
The rotated encoded set is: {0, 5, 6, 8}
$ python quiz_2.py 10 43 6
The encoded set is: {0, 1, 3, 5}
The rotated encoded set is: {1, 6, 7, 9}
$ python quiz_2.py 10 43 -1
The encoded set is: {0, 1, 3, 5}
The rotated encoded set is: {0, 2, 4, 9}
$ python quiz_2.py 10 43 -3
The encoded set is: {0, 1, 3, 5}
The rotated encoded set is: {0, 2, 7, 8}
$ python quiz_2.py 5 32 0
The second command line argument should be an integer between 0 and 2**5 - 1.
$ python quiz_2.py 5 31 45
The encoded set is: {0, 1, 2, 3, 4}
The rotated encoded set is: {0, 1, 2, 3, 4}
$ python quiz_2.py 20 1047572 3
The encoded set is: {2, 4, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19}
The rotated encoded set is: {0, 1, 2, 5, 7, 13, 14, 15, 16, 17, 18, 19}
$ python quiz_2.py 20 1017502 -24
The encoded set is: {1, 2, 3, 4, 7, 9, 10, 15, 16, 17, 18, 19}
The rotated encoded set is: {0, 3, 5, 6, 11, 12, 13, 14, 15, 17, 18, 19}
```

Date: Session 1, 2015.