QUIZ 7

```
$ python3 quiz_7.py
Enter two integers: 0 1
Here is the grid that has been generated:
    0 0 0 0 0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0

No chess knight has explored this board.
$ python3 quiz_7.py
Enter two integers: 0 -20
Here is the grid that has been generated:
    0 0 0 0 0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0
    0 1 0 0 1 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0

At least 2 chess knights have explored this board.
$ python3 quiz_7.py
Enter two integers: 0 -6
Here is the grid that has been generated:
    0 0 1 0 0 0 0 0 0 0
    0 0 0 0 0 0 1 0 0 0
    0 0 0 0 1 0 1 0 0 0
    0 1 0 0 0 0 0 0 0 0
    0 0 0 1 0 1 1 0 0 0
    0 0 1 0 0 0 0 0 0 0
    1 0 0 0 0 0 0 0 1 1
    0 0 0 1 0 0 0 0 1 0
    0 0 0 0 0 0 0 0 1 0
    0 0 0 0 0 0 0 0 1 0

At least 7 chess knights have explored this board.
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```
$ python3 quiz_7.py
Enter two integers: 0 -5
Here is the grid that has been generated:
    0 0 1 0 0 0 0 0 0 0
    0 0 0 0 0 0 1 0 0 0
    0 0 0 1 1 0 0 0 1 0
    0 0 0 0 0 0 0 0 0 1
    0 1 1 0 1 0 0 0 0 0
    1 0 0 0 0 0 0 0 1 1
    0 0 0 1 0 0 0 1 0 0
    0 0 0 0 0 0 0 1 0 0
    0 0 0 0 0 0 0 1 0 0
    0 1 1 0 0 1 1 0 0 0

At least 8 chess knights have explored this board.
$ python3 quiz_7.py
Enter two integers: 0 -4
Here is the grid that has been generated:
    0 0 1 0 0 0 0 0 0 0
    0 0 0 1 0 0 0 1 1 0
    0 1 0 0 0 0 0 0 0 1
    1 1 0 1 0 0 0 0 1 0
    0 0 0 0 1 1 0 0 1 0
    0 1 0 0 0 0 1 0 0 0
    0 0 0 0 1 0 0 1 1 0
    0 1 1 0 0 0 0 0 0 0
    0 0 1 0 1 0 0 0 0 1
    0 1 0 0 0 0 0 1 1 0

At least 6 chess knights have explored this board.
$ python3 quiz_7.py
Enter two integers: 0 3
Here is the grid that has been generated:
    1 1 0 1 1 1 1 1 1 1
    1 0 1 0 1 0 0 1 1 1
    1 1 0 1 0 1 0 1 1 1
    1 0 1 1 1 1 1 0 1 1
    1 1 1 0 1 0 0 1 1 1
    1 1 0 1 1 1 0 1 1 1
    0 0 1 0 0 0 1 1 0 0
    1 1 1 0 1 1 1 1 1 0 1
    1 1 0 1 1 1 1 1 0 1
    1 1 1 0 1 0 0 0 0 1

At least 3 chess knights have explored this board.
```