Tuesday Sep 17, 2024

Name:

Discuss and complete the following questions with the person nearest you. You **may** be asked to share your thoughts with the class.

1. Using `range`, produce the following outputs.

```
0
2
4
6
8
10

10
20
30
40
50

101
102
103
104

15
12
9
6
```

2. Using the provided functions and a for loop, add to main code that will generate the following output:

```
4 pictures of cats.
4 pictures of cats on the wall, 4 pictures of cats.
Take one down and pass it around, 3 pictures of cats on the wall.

3 pictures of cats.
3 pictures of cats on the wall, 3 pictures of cats.
Take one down and pass it around, 2 pictures of cats on the wall.

2 pictures of cats.
2 pictures of cats on the wall, 2 pictures of cats.
Take one down and pass it around, 1 pictures of cats on the wall.
```

```python
def lyricX(x: int) -> None:
    print("Take one down and pass it around, " + str(x) + " pictures of cats on the
def lyricA(x: int) -> None:
    print(str(x) + ' pictures of cats.')
def lyricI(x: int) -> None:
    print(str(x) + ' pictures of cats on the wall, ' + str(x) + ' pictures of cats.
```

```python
def main() -> None:
    # YOUR CODE HERE

main()
```