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src > format_lint_example.py
1 import json
2 import os,sys; import re
3 from datetime import datetime , timedelta as td
4 import math, random
5 from collections import deque, Counter
6
7 X = 42
8 Y=3.14
9
10 def greet(name = "world" ,exclaim=True , times =1):
11     """Say hi."""
12     msg = "Hello, " + name + ("!" if exclaim==True else ".")
13     exclam = "!"*random.randint(1,4) if exclaim==True else "."
14     long_line = "This is a very long line to push past one hundred and twenty characters so a forma
15     for i in range(math.ceil(times)): print(msg + exclam)
16     return (msg)
17
18 def is_even(n:int)->bool:
19     """Return True if even."""
20     if math.remainder(n,2)==0 :
21         return True
22     else:
23         return False;
24
25 def check_number(value):
26     """Check if a number is exactly 100."""
27     if value is 100:
28         return "Perfect score!"
29     else:
30         return "Not quite there yet"

```

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src > format_lint_example_fixed.py
1 import math
2 import random
3
4 X = 42
5 Y = 3.14
6
7
8 def greet(name='world', exclaim=True, times=1):
9     """Say hi."""
10    msg = 'Hello, ' + name + ('!' if exclaim else '.')
11    exclam = '!' * random.randint(1, 4) if exclaim else '.'
12    for _i in range(math.ceil(times)):
13        print(msg + exclam)
14    return msg
15
16
17 def is_even(n: int) -> bool:
18     """Return True if even."""
19    return math.remainder(n, 2) == 0
20
21
22 def check_number(value):
23     """Check if a number is exactly 100."""
24    if value == 100:
25        return 'Perfect score!'
26    else:
27        return 'Not quite there yet'
28

```