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from random import choice, randint
from time import sleep

class Vacuum:

    @staticmethod
    def suck(location: str, status: str, *args, **kwargs):
        print(f'location {location} is {status}, vacuum is going to clean it!')
        time = randint(1, 4)
        while time:
            print(f'Vacuum is cleaning location {location}!\n{time} seconds left!')
            time -= 1
            sleep(1)
        print(f'location {location} has been cleaned!')

    @staticmethod
    def move(location: str, direction: str, status: str, *args, **kwargs):
        print(f'location {location} is {status}, vacuum has moved to the {direction}!')

class Location:
    def __call__(self, *args, **kwargs):
        location = choice(('A', 'B'))
        status = choice(('Dirty', 'Clean'))
        print(f'Location({location=} {status=})')
        return location, status

def reflex_vacuum_agent(location: str, status: str) -> object:
    vacuum = Vacuum()
    if status.lower() == 'dirty':
        return vacuum.suck(location=location, status=status.lower())
    if location.lower() == 'a':
        return vacuum.move(location=location, direction='right', status=status.lower())
    return vacuum.move(location=location, direction='left', status=status.lower())

def main():
    location_instance = Location()
    location, status = location_instance()
    reflex_vacuum_agent(location=location, status=status)

if __name__ == '__main__':
    main()

```

Vacuum will change location or clean

Location will return random state: status = ('Dirty', 'Clean'), location = ('A', 'B')

1.
  - Location(location='B' status='Clean')
  - location B is clean, vacuum has moved to the left!
2.
  - Location(location='A' status='Dirty')
  - location A is dirty, vacuum is going to clean it!
  - Vacuum is cleaning location A!
  - 1 seconds left!
  - location A has been cleaned!

3.

Location(location='A' status='Clean')  
location A is clean, vacuum has moved to the right!

4.

Location(location='B' status='Dirty')  
location B is dirty, vacuum is going to clean it!  
Vacuum is cleaning location B!  
3 seconds left!  
Vacuum is cleaning location B!  
2 seconds left!  
Vacuum is cleaning location B!  
1 seconds left!  
location B has been cleaned!