

Name: Steve Hommy

Pair: -

Amount of completed tasks: 9

Which tasks were left undone or incomplete: 0

Self-assessment:

This exercise was easy/difficult/ok/etc. for me because...

Doing this exercise, I learned...

I am still wondering...

I understood/did not understand that... ; I did/did not know that... ; I did/did not manage to do...

Test report

Write the test report yourself to each coding task (task number, input/action, desired output and then the testing evidence (actual output)). Add rows if necessary. Include answers to theoretical questions and pseudocode to this return document as well in addition to code screen captures. Actual output can be a screen capture of the terminal showing the output.

Task	Input / action	Desired output	Actual output (use red color if desired output != actual output)
1	<Run Program>	<p>Houses status:</p> <p>Bedroom: Window: Dirty Floor: Dirty Bed: Unmade Surfaces: Dusty</p> <p>Kitchen: Window: Dirty Floor: Dirty Fridge: Empty Surfaces: Dusty</p> <p>Bathroom: Surfaces: Dusty Toilet paper: Running out</p> <p>Washing the windows and making the bed Vacuuming the floor and cleaning surfaces Going shopping to refill fridge and buy more toilet paper We should prepare for the lockdown and buy more toilet paper</p> <p>Houses status:</p>	<p>Houses status:</p> <p>Bedroom: Window: Dirty Floor: Dirty Bed: Unmade Surfaces: Dusty</p> <p>Kitchen: Window: Dirty Floor: Dirty Fridge: Empty Surfaces: Dusty</p> <p>Bathroom: Surfaces: Dusty Toilet paper: Running out</p> <p>Washing the windows and making the bed Vacuuming the floor and cleaning surfaces Going shopping to refill fridge and buy more toilet paper We should prepare for the lockdown and buy more toilet paper</p> <p>paper</p>

		Bedroom: Window: Clean Floor: Clean Bed: Made Surfaces: Clean Kitchen: Window: Clean Floor: Clean Fridge: Filled Surfaces: Clean Bathroom: Surfaces: Clean Toilet paper: More than enough	Houses status: Bedroom: Window: Clean Floor: Clean Bed: Made Surfaces: Clean Kitchen: Window: Clean Floor: Clean Fridge: Filled Surfaces: Clean Bathroom: Surfaces: Clean Toilet paper: More than enough

Code

```
# File name: house.py
# Author: Steve Hommy
# Description: Create a House Class

class House:
    def __init__(self):
        self.bedroom_window = "Dirty"
        self.kitchen_window = "Dirty"
        self.bedroom_floor = "Dirty"
        self.kitchen_floor = "Dirty"
        self.bedroom_bed = "Unmade"
        self.bedroom_surfaces = "Dusty"
        self.kitchen_surfaces = "Dusty"
        self.bathroom_surfaces = "Dusty"
        self.kitchen_fridge = "Empty"
        self.bathroom_toilet_paper = "Running out"
```

```

def set_wash_windows_and_bed_is_made(self):
    self.bedroom_window = "Clean"
    self.kitchen_window = "Clean"
    self.bedroom_bed = "Made"

def get_wash_windows_and_bed_is_made(self):
    print("Washing the windows and making the bed")
    return self.bedroom_window, self.kitchen_window, self.bedroom_bed

def set_vacuum_floors_and_clean_surfaces(self):
    self.bedroom_floor = "Clean"
    self.kitchen_floor = "Clean"
    self.bedroom_surfaces = "Clean"
    self.kitchen_surfaces = "Clean"
    self.bathroom_surfaces = "Clean"

def get_vacuum_floors_and_clean_surfaces(self):
    print("Vacuuming the floor and cleaning surfaces")
    return self.bedroom_floor, self.kitchen_floor, self.bedroom_surfaces,
self.kitchen_surfaces, self.bathroom_surfaces

def set_shopping(self):
    self.kitchen_fridge = "Filled"
    self.bathroom_toilet_paper = "Enough"

def get_shopping(self):
    print("Going shopping to refill fridge and buy more toilet paper")
    return self.kitchen_fridge, self.bathroom_toilet_paper

def set_enough_toilet_paper(self):
    self.bathroom_toilet_paper = "More than enough"

def get_enough_toilet_paper(self):
    print("We should prepare for the lockdown and buy more toilet paper")
    return self.bathroom_toilet_paper

def __str__(self):
    return f"""
Houses status:

Bedroom:
Window: {self.bedroom_window}
Floor: {self.bedroom_floor}
Bed: {self.bedroom_bed}
Surfaces: {self.bedroom_surfaces}

Kitchen:
Window: {self.kitchen_window}

```

```
Floor: {self.kitchen_floor}
Fridge: {self.kitchen_fridge}
Surfaces: {self.kitchen_surfaces}

Bathroom:
Surfaces: {self.bathroom_surfaces}
Toilet paper: {self.bathroom_toilet_paper}
"""
```

```
# File: main.py
# Author: Steve Hommy
# Description: Main function

from house import House

def main():
    house = House()
    print(house)

    house.set_wash_windows_and_bed_is_made()
    house.get_wash_windows_and_bed_is_made()

    house.set_vacuum_floors_and_clean_surfaces()
    house.get_vacuum_floors_and_clean_surfaces()

    house.set_shopping()
    house.get_shopping()

    house.set_enough_toilet_paper()
    house.get_enough_toilet_paper()

    print(house)

main()
```