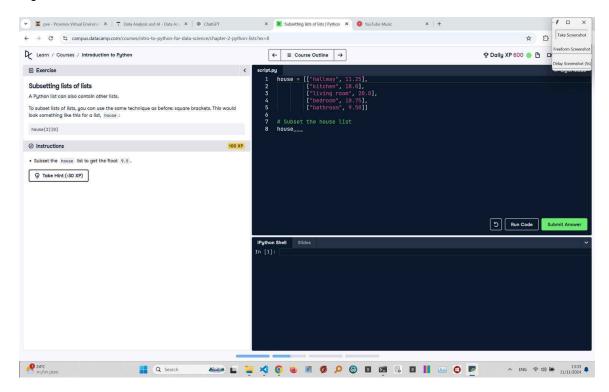
Subsetting Lists of Lists - Python Exercise

Below is the image provided along with the recreated question, terminal output, and answer:



Recreated Question and Terminal

Subsetting Lists of Lists

A Python list can also contain other lists.

To subset lists of lists, you can use the same technique as before: square brackets. This would look something like this for a list, house:

house[2][0]

Instructions:

- Subset the house list to get the float 9.5.

Answer

Given list of lists house = [["hallway", 11.25], ["kitchen", 18.0], ["Living room", 20.0], ["bedroom", 10.75], ["bathroom", 9.50]]

Subset the house list to get 9.5 print(house[4][1])

Explanation of the Answer

The code accesses the nested list containing "bathroom" and 9.5 using house[4]. Then, to get the float 9.5, we use house[4][1]. The first index (4) selects the "bathroom" list, and the second index (1) selects the second element, which is 9.5.