Please enter your assummed room type (livingroom/bedroom/bathroom/kitchen):bedroom

Please enter the object name: painting

Please enter the description of the surroundings of the object as detailed as you remember: it is a self-portrait of van gogh, there is a door to the left of it, and a little table to the right, with a clock on top

Expected right room type is: Bedrooms

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.2077853483335974, 'Kitchens': 0.24998679554217507, 'LivingRooms': 0.2218348914593567, 'Bathrooms': 0.3203929646648708}

Current room type identified as: Bathrooms

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.6632147116048454, 'Kitchens': 0.00834745496767715, 'LivingRooms': 0.3284378334274776, 'Bathrooms': 0.0}

Current room type identified as: Bedrooms

Using chatgpt\_text2text to confirm if the current room matches the human description...

Adjusting robot view for a better perspective. Attempt 1/4.

Adjusting robot view for a better perspective. Attempt 2/4.

Adjusting robot view for a better perspective. Attempt 3/4.

Adjusting robot view for a better perspective. Attempt 4/4.

The current room does not match the description. Randomly teleporting to a different location...

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.0, 'Kitchens': 0.30465878613290953, 'LivingRooms': 0.0, 'Bathrooms': 0.6953412138670905}

Current room type identified as: Bathrooms

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.1073601336037218, 'Kitchens': 0.2624358821424311, 'LivingRooms': 0.13915066205415721, 'Bathrooms': 0.49105332219968983}

Current room type identified as: Bathrooms

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.6858803204020731, 'Kitchens': 0.0, 'LivingRooms': 0.3141196795979268, 'Bathrooms': 0.0}

Current room type identified as: Bedrooms

Using chatgpt\_text2text to confirm if the current room matches the human description...

Adjusting robot view for a better perspective. Attempt 1/4.

Adjusting robot view for a better perspective. Attempt 2/4.

Adjusting robot view for a better perspective. Attempt 3/4.

Adjusting robot view for a better perspective. Attempt 4/4.

The current room does not match the description. Randomly teleporting to a different location...

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.461341377742882, 'Kitchens': 0.1776932931112856, 'LivingRooms': 0.36096532914583246, 'Bathrooms': 0.0}

Current room type identified as: Bedrooms

Using chatgpt\_text2text to confirm if the current room matches the human description...

Adjusting robot view for a better perspective. Attempt 1/4.

Adjusting robot view for a better perspective. Attempt 2/4.

Adjusting robot view for a better perspective. Attempt 3/4.

Adjusting robot view for a better perspective. Attempt 4/4.

The current room does not match the description. Randomly teleporting to a different location...

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.6146569845213071, 'Kitchens': 0.0, 'LivingRooms': 0.382189948404357, 'Bathrooms': 0.0031530670743359452}

Current room type identified as: Bedrooms

Skipping room match verification due to repeated failures.

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['wall']

Is the object you want to find possibly in the list? Please enter yes or no: no

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['Bed', 'door', 'wall', 'wall']

Is the object you want to find possibly in the list? Please enter yes or no: no

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['Bed', 'Laptop', 'Painting', 'Pillow', 'Pillow', 'wall', 'wall']

Is the object you want to find possibly in the list? Please enter yes or no: yes

Selecting the most possible object from visible objects...

Generating description using GPT\_4.0 model...

ChatGPT Description:

The painting is located on the right wall. It appears to be a framed picture depicting a coastal scene with clear skies and calm waters. Around the painting, the room is modestly decorated. To the left of the painting is an open door leading to another room with visible stairs. Below the painting stands a blue-covered bed that has two black cushions and one laptop on it. The floor is a warm yellow-orange color, while the walls are a soft grey. On the opposite wall, there's another

Does below description accurately describe the scene you saw?

Please enter yes or no: no

Description does not match. Randomly teleporting to a different location...

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.0, 'Kitchens': 0.3961235024836856, 'LivingRooms': 0.0, 'Bathrooms': 0.6038764975163144}

Current room type identified as: Bathrooms

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.21240906631395415, 'Kitchens': 0.33866410148499965, 'LivingRooms': 0.20844105092286416, 'Bathrooms': 0.24048578127818188}

Current room type identified as: Kitchens

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.5033503350335032, 'Kitchens': 0.013301330133013302, 'LivingRooms': 0.47669766976697675, 'Bathrooms': 0.006650665066506651}

Current room type identified as: Bedrooms

Skipping room match verification due to repeated failures.

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['BasketBall', 'door', 'Drawer (9)', 'Drawer (10)', 'Drawer (7)', 'Drawer (8)', 'Drawer (5)', 'Drawer (2)', 'Drawer (4)', 'Drawer (6)', 'Dresser', 'room', 'wall', 'wall', 'wall']

Is the object you want to find possibly in the list? Please enter yes or no: no

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['BasketBall', 'Bed', 'Bed', 'Box', 'Box', 'CellPhone', 'door', 'room', 'Laptop', 'Painting', 'Pillow', 'wall', 'wall', 'wall', 'wall', 'wall']

Is the object you want to find possibly in the list? Please enter yes or no: yes

Selecting the most possible object from visible objects...

Generating description using GPT\_4.0 model...

ChatGPT Description:

The painting in the image appears to be a reproduction of the famous work "The Starry Night" by Vincent van Gogh. It's hung on the wall to the left side of the image.

Surrounding the painting, the setting seems to be a bedroom with dark wooden furniture. Directly across from the painting, there is a double bed with a white and gold patterned bedspread. On the bed, there are what look like a grey pillow and what might be a book or electronic

Does below description accurately describe the scene you saw?

Please enter yes or no: no

Description does not match. Randomly teleporting to a different location...

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.168777707409753, 'Kitchens': 0.5251741608613045, 'LivingRooms': 0.17416086130462316, 'Bathrooms': 0.13188727042431916}

Current room type identified as: Kitchens

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.5132677993067788, 'Kitchens': 0.02460367066310586, 'LivingRooms': 0.4488891414284903, 'Bathrooms': 0.013239388601625093}

Current room type identified as: Bedrooms

Skipping room match verification due to repeated failures.

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['Bed', 'CD', 'Drawer (1)', 'Drawer (2)', 'Drawer', 'Drawer (3)', 'Dresser', 'HousePlant', 'RemoteControl', 'SideTable', 'Television', 'wall', 'wall', 'wall', 'wall', 'Watch']

Is the object you want to find possibly in the list? Please enter yes or no: no

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['AlarmClock', 'BasketBall', 'Bed', 'Bed', 'Box', 'HousePlant', 'Pillow', 'wall', 'wall']

Is the object you want to find possibly in the list? Please enter yes or no: no

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['BaseballBat', 'BasketBall', 'Bed', 'door', 'door', 'wall', 'wall', 'wall', 'wall']

Is the object you want to find possibly in the list? Please enter yes or no: no

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['BaseballBat', 'Box', 'door', 'Painting', 'RemoteControl', 'SideTable', 'Television', 'wall', 'wall']

Is the object you want to find possibly in the list? Please enter yes or no: yes

Attempt limit exceeded. Randomly teleporting to a different location...

Selecting the most possible object from visible objects...

Generating description using GPT\_4.0 model...

ChatGPT Description:

The painting is on a wall within an interior setting and depicts a mountainous landscape under what appears to be overcast or misty weather conditions. It's positioned above a narrow wooden ledge, which has a small square brown item that could be a book or a decorative object, and a metal rod or baton. The wall itself is a neutral beige color, and part of a ceiling light fixture is visible at the top of the image, casting a soft light and creating a shadow of the painting on

Does below description accurately describe the scene you saw?

Please enter yes or no: no

Description does not match. Randomly teleporting to a different location...

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.5714285714285714, 'Kitchens': 0.0, 'LivingRooms': 0.2857142857142857, 'Bathrooms': 0.14285714285714285}

Current room type identified as: Bedrooms

Skipping room match verification due to repeated failures.

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['DishSponge', 'door', 'Faucet', 'Sink', 'SinkBasin', 'Toilet', 'wall', 'wall', 'wall', 'wall']

Is the object you want to find possibly in the list? Please enter yes or no: no

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['door', 'door', 'Toilet', 'wall', 'wall']

Is the object you want to find possibly in the list? Please enter yes or no: no

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['Bed', 'door', 'door', 'Laptop', 'wall', 'wall']

Is the object you want to find possibly in the list? Please enter yes or no: no

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['Bed', 'door', 'Pillow', 'wall', 'wall', 'wall']

Is the object you want to find possibly in the list? Please enter yes or no: no

Attempt limit exceeded. Randomly teleporting to a different location...

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.4882500391665361, 'Kitchens': 0.010418298605671315, 'LivingRooms': 0.4934983550054833, 'Bathrooms': 0.007833307222309259}

Current room type identified as: LivingRooms

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.07389344565137072, 'Kitchens': 0.2512377152146605, 'LivingRooms': 0.07389344565137072, 'Bathrooms': 0.6009753934825981}

Current room type identified as: Bathrooms

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.16028759865931452, 'Kitchens': 0.4595091361228241, 'LivingRooms': 0.18023570115688187, 'Bathrooms': 0.1999675640609796}

Current room type identified as: Kitchens

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.6328498747057483, 'Kitchens': 0.02536259397068874, 'LivingRooms': 0.3139190523198421, 'Bathrooms': 0.02786847900372086}

Current room type identified as: Bedrooms

Skipping room match verification due to repeated failures.

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['Bed', 'Laptop', 'Painting', 'Pillow', 'Pillow', 'wall', 'wall']

Is the object you want to find possibly in the list? Please enter yes or no: yes

Selecting the most possible object from visible objects...

Generating description using GPT\_4.0 model...

ChatGPT Description:

The painting is on the left side of the image, hung on the wall. It depicts a bright, sunny scene with a blue sky, and it looks like it's of a beach resort or a similar sunny location with beach chairs and a thatched roof structure.

Surrounding the painting is a bedroom setting. To the left of the painting, there's a natural-colored wooden bookshelf that is empty. The room has gray walls and a portion of the floor appears to be covered in a

Does below description accurately describe the scene you saw?

Please enter yes or no: no

Description does not match. Randomly teleporting to a different location...

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.18793292886829407, 'Kitchens': 0.2738737877991688, 'LivingRooms': 0.20064013758180863, 'Bathrooms': 0.33755314575072853}

Current room type identified as: Bathrooms

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.08875477056891809, 'Kitchens': 0.3609656519037899, 'LivingRooms': 0.0, 'Bathrooms': 0.5502795775272922}

Current room type identified as: Bathrooms

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.24565019222385162, 'Kitchens': 0.47429749118148307, 'LivingRooms': 0.2127145178550196, 'Bathrooms': 0.06733779873964567}

Current room type identified as: Kitchens

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.5143083212448898, 'Kitchens': 0.008769616246867994, 'LivingRooms': 0.47692206250824215, 'Bathrooms': 0.0}

Current room type identified as: Bedrooms

Skipping room match verification due to repeated failures.

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['BaseballBat', 'door', 'Drawer (9)', 'Drawer (7)', 'Drawer (5)', 'Drawer (1)', 'Drawer (3)', 'Dresser', 'Statue', 'wall', 'wall', 'window']

Is the object you want to find possibly in the list? Please enter yes or no: no

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['BasketBall', 'Bed', 'Box', 'CellPhone', 'Laptop', 'Pillow', 'RemoteControl', 'wall', 'wall']

Is the object you want to find possibly in the list? Please enter yes or no: no

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['Bed', 'Box', 'Pillow', 'RemoteControl', 'wall', 'wall']

Is the object you want to find possibly in the list? Please enter yes or no: no

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['BaseballBat', 'wall', 'window']

Is the object you want to find possibly in the list? Please enter yes or no: no

Attempt limit exceeded. Randomly teleporting to a different location...

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.43119565217391304, 'Kitchens': 0.057934782608695654, 'LivingRooms': 0.47583333333333333, 'Bathrooms': 0.03503623188405797}

Current room type identified as: LivingRooms

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.08689980432492099, 'Kitchens': 0.6689579047714617, 'LivingRooms': 0.1087251016005218, 'Bathrooms': 0.13541718930309568}

Current room type identified as: Kitchens

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.2479466914613358, 'Kitchens': 0.18078413141174648, 'LivingRooms': 0.2820393615372695, 'Bathrooms': 0.2892298155896482}

Current room type identified as: Bathrooms

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.1700535090161146, 'Kitchens': 0.6083325600816555, 'LivingRooms': 0.1432990009588321, 'Bathrooms': 0.07831492994339798}

Current room type identified as: Kitchens

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.20217497493379954, 'Kitchens': 0.4576188394991902, 'LivingRooms': 0.27081780085867807, 'Bathrooms': 0.06938838470833228}

Current room type identified as: Kitchens

Randomly teleporting to find the right room type...

Collecting objects after teleporting...

Classifying the current room type based on the objects observed...

{'Bedrooms': 0.5498544537162818, 'Kitchens': 0.038812342324859306, 'LivingRooms': 0.3880457985639433, 'Bathrooms': 0.02328740539491559}

Current room type identified as: Bedrooms

Skipping room match verification due to repeated failures.

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['Bed', 'door', 'room', 'Laptop', 'Pillow', 'Pillow', 'wall', 'wall']

Is the object you want to find possibly in the list? Please enter yes or no: no

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['door', 'door', 'Painting', 'SideTable', 'wall', 'wall', 'wall']

Is the object you want to find possibly in the list? Please enter yes or no: yes

Selecting the most possible object from visible objects...

Generating description using GPT\_4.0 model...

ChatGPT Description:

The painting is positioned on the wall to the right side of the image, adjacent to a wooden door. It features a portrait of a person, but as per the guidelines, I can't provide details about the identity depicted in the painting.

Surrounding the painting, the wall color is a light gray, and the floor appears to be a warm, beige color. The painting itself is framed with a simple white border. To the left of the image, we can partially see another object with a

Does below description accurately describe the scene you saw?

Please enter yes or no: yes

Correct object and scene considerd to be identified. Fetching object's ID...

object.key: dict\_keys(['name', 'position', 'rotation', 'visible', 'isInteractable', 'receptacle', 'toggleable', 'isToggled', 'breakable', 'isBroken', 'canFillWithLiquid', 'isFilledWithLiquid', 'fillLiquid', 'dirtyable', 'isDirty', 'canBeUsedUp', 'isUsedUp', 'cookable', 'isCooked', 'temperature', 'isHeatSource', 'isColdSource', 'sliceable', 'isSliced', 'openable', 'isOpen', 'openness', 'pickupable', 'isPickedUp', 'moveable', 'mass', 'salientMaterials', 'receptacleObjectIds', 'distance', 'objectType', 'objectId', 'assetId', 'parentReceptacles', 'controlledObjects', 'isMoving', 'axisAlignedBoundingBox', 'objectOrientedBoundingBox'])

object.name: Painting|4|7

objectId: Painting|4|7