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: there was a door, and a little table with a clock on it

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': 0.6434717545828657, 'Kitchens': 0.019902731013842125, 'LivingRooms': 0.33415637860082303, 'Bathrooms': 0.0024691358024691358}

Current room type identified as: Bedrooms

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

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['AlarmClock', 'Bed', 'Bed', 'Box', 'CellPhone', 'Laptop', 'Painting', '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 wall to the right side of the room. It depicts what appears to be a fantasy or science-fiction landscape with a large, looming structure that resembles a dirigible or airship, floating above a rugged terrain with mountains in the background. The color palette of the painting includes earthy tones with shades of brown, and it is framed with a simple black border.

Surrounding the painting, the wall is painted in a soft beige color which contrasts gently with the darker and

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': 0.6, 'Kitchens': 0.0, 'LivingRooms': 0.4, '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.

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['Bed', 'door', 'Laptop', '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', '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: ['DishSponge', 'Faucet', 'room', 'Sink', 'SinkBasin', 'Toilet', 'wall', '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', 'wall', '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': 0.4782401619336786, 'Kitchens': 0.05155682562362327, 'LivingRooms': 0.46032029529082574, 'Bathrooms': 0.009882717151872358}

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': 0.49142167428226574, 'Kitchens': 0.022933011466505736, 'LivingRooms': 0.47702388136908364, 'Bathrooms': 0.008621432882145013}

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.

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['door', 'Drawer (10)', 'Drawer (8)', 'Drawer (4)', 'Drawer (6)', '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', 'Box', 'CellPhone', 'door', 'Laptop', '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', 'Bed', 'door', 'Drawer (9)', 'Drawer (7)', 'Drawer (5)', 'Drawer (3)', 'room', 'RemoteControl', '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: ['door', 'Drawer (9)', 'Drawer (10)', 'Drawer (7)', 'Drawer (8)', 'Drawer (5)', 'Drawer (2)', 'Drawer (1)', 'Drawer (4)', 'Drawer (3)', 'Drawer (6)', 'Dresser', 'KeyChain', 'Painting', 'Statue', '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 located on the wall to the right of the image. It depicts a scenic landscape, a hilly grassy terrain with a variety of wildflowers and foliage in the foreground and mountains in the background beneath a light blue sky with some wispy clouds. The painting is hung on a pale peach-colored wall above a large, dark brown chest of drawers, which has a reflective spherical object and a small, blue object on its top surface. To the left, there's an open dark brown

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': 0.4871143934148781, 'Kitchens': 0.1538579890760828, 'LivingRooms': 0.3564889606892838, 'Bathrooms': 0.0025386568197553667}

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.

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['Bed', 'Book', 'DiningTable', 'Pillow', 'wall', 'wall', 'wall', '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: ['door', 'Painting', 'wall', 'wall', 'wall', 'wall', 'window']

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:

In the image, there is a painting located to the left of the open door, mounted on a light blue wall. The painting appears to be framed, rectangular, and has a predominantly dark color palette, but due to the angle and distance, specific details on the artwork are not visible.

The environment surrounding the painting is a room with a brick wall directly opposite the door and a wooden shelf to the right of the door, which holds various items including what appears to be rolls of toilet paper. There

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': 0.4322476379910492, 'Kitchens': 0.20441737112547656, 'LivingRooms': 0.36196751201723854, 'Bathrooms': 0.0013674788662357037}

Current room type identified as: Bedrooms

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

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['door', 'GarbageCan', '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: ['Chair', 'Chair', 'Chair', 'CreditCard', 'DiningTable', 'door', 'KeyChain', 'Mug', 'Pencil', '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', 'Chair', 'CreditCard', 'DiningTable', 'KeyChain', 'Mug', 'wall', '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: ['door', 'Painting', 'wall', 'wall', 'wall', 'wall', 'window']

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 appears to be hanging on a blue wall between a wooden-framed glass door and a window with a wooden frame. Directly above the painting is a light source casting a glow on the wall around it. To the left of the painting is the window, which provides a view of a misty landscape with trees and what looks to be a river or a road with lights following its curve. On the right, there's the glass door, which also seems to open to the outdoor environment,

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': 0.5676428457743116, 'Kitchens': 0.0, 'LivingRooms': 0.42439917236988706, 'Bathrooms': 0.00795798185580137}

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.

Rotating to find the desired object...

Collecting visible objects after rotation...

Visible objects: ['BasketBall', 'Bed', 'door', 'Drawer (10)', 'Drawer (8)', 'Drawer (2)', 'Drawer (4)', 'Drawer (6)', 'Dresser', 'Laptop', 'Painting', '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 image you've provided appears to be a 3D rendering or a screenshot from a virtual environment rather than a photograph of a real-life scene. In this image, the "painting" can be seen reflected in the mirror on the right side. It depicts a hilly landscape with blue skies and puffy clouds, with vibrant greenery and hints of other colors suggesting flora or geographic elements.

The setting itself is a nicely detailed room that seems part of a larger house or apartment. Directly

Does below description accurately describe the scene you saw?

Please enter yes or no: no

Fail to find the object. Ending the search.