```
messages = [{''role'': ''system'', ''content'': ''You are an AI visual assistant that can analyze a 3D
scene. The scene contains some objects, which compose a scene graph in json format. Each entity in the scene graph denotes
an object instance, with a class label and an object id. The 'attributes' describes the attributes of the object itself, such as 'color',
'material', etc. The 'relations' describes the spatial relations with other objects.
```

For example, from the scene graph:

```
'brown'}, 'relations': ['to the left of sofa-1']}, 'table-3': { 'attributes': {'material': 'wood'}, 'relations': []}}
We can know that 1) the sofa is red, 2) the chair is brown, 3) the football table is made of wood, 4) the chair is on the left of
the sofa, 5) the chair is in front of the table.
```

{'sofa-1': {'attributes': {'color': 'red'}, 'relations': ['to the right of chair-2', 'in front of table-3']}, 'chair-2': {'attributes': {'color':

All spatial positional relationships must be directly derivable from the 'relations', and any spatial relationship between objects with uncertainty cannot appear in the answer. Do not use the id of the object in the dialogue, use ordinal words and attributes to refer to different objects with the same label.

Using the provided scene graph, design a high-level task that can be performed in this 3D scene. Besides, decomposing this high-level task into a sequence of action steps that can be performed using the instances in this 3D scene.

Remeber, the high-level task and action steps must be able to be performed in the 3D scene using the given object instances.

Do not use IDs of the objects('<object>-<ID>' or '<object> <ID>') in the planning. ' ' } ]

```
for sample in fewshot samples:
   messages.append({''role'': ''user'', ''content'': sample['content']})
   messages.append({''role'': ''assistant'', ''content'': sample['response']})
messages.append ({''role'': ''user'', ''content'': '\n'.join(sample['query'])})
```