import autogen

config\_list = [

{

'model': 'gpt-3.5-turbo-16k',

'api\_key': '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'

}

]

llm\_config = {

"request\_timeout": 600,

"seed": 42,

"config\_list": config\_list,

"temperature": 0

}

assistant = autogen.AssistantAgent(

name="assistant",

llm\_config=llm\_config

)

user\_proxy = autogen.UserProxyAgent(

name="user\_proxy",

human\_input\_mode="TERMINATE",

max\_consecutive\_auto\_reply=10,

is\_termination\_msg=lambda x: x.get("content", "").rstrip().endswith("TERMINATE"),

code\_execution\_config={"work\_dir": "web"},

llm\_config=llm\_config,

system\_message="""Reply TERMINATE if the task has been solved to full satisfaction. Otherwise, reply CONTINUE, or provide a reason why the task is not solved yet."""

)

task = """Write Python code to output numbers 1 to 100, and then store it in a file"""

user\_proxy.initiate\_chat(

assistant,

message=task

)