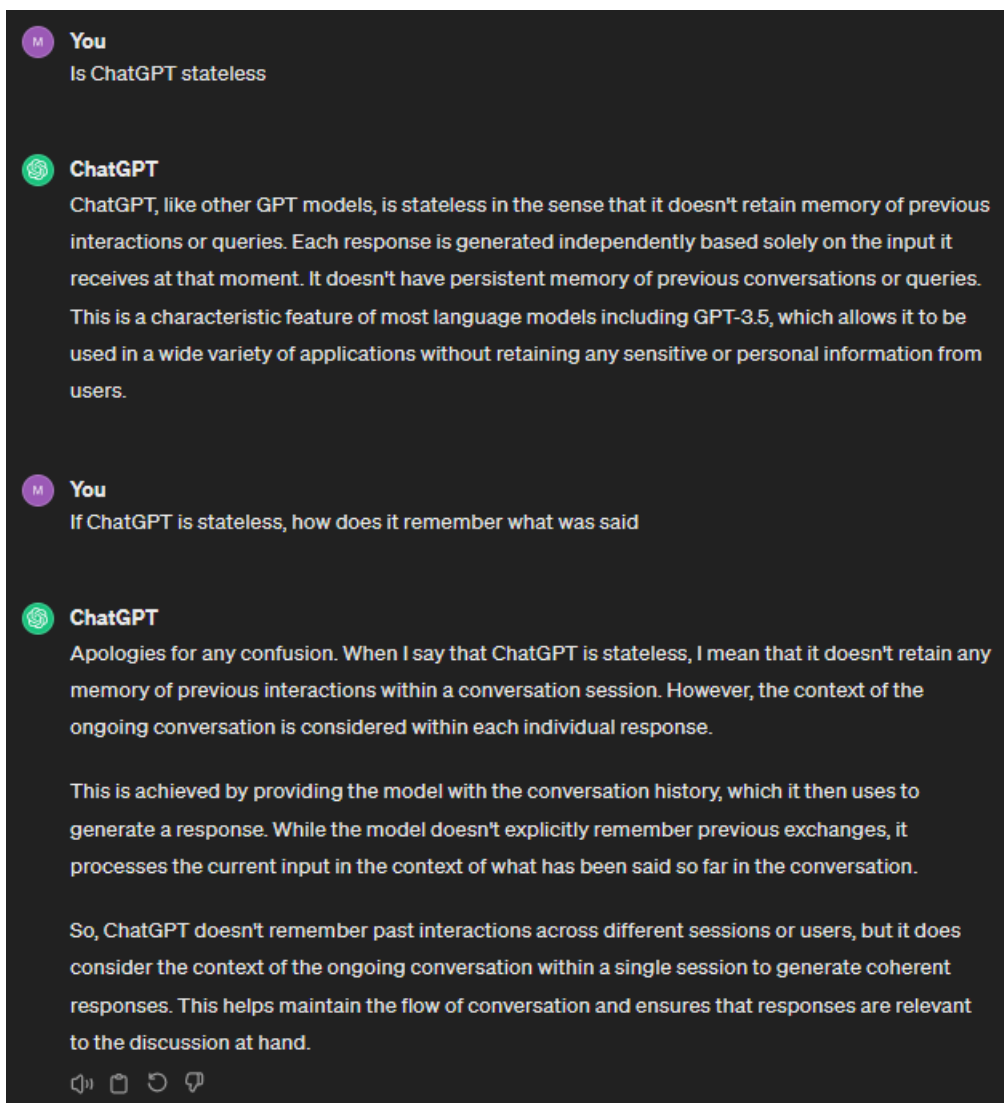


Assignment 1

Question 1.

I do not usually like using ChatGPT for questions as its answers are not always reliable and it can confabulate ostensible facts based on mere high statistical likelihood of a sequence. I still much prefer googling because I can at least trace the source of information that way. But it can be useful to query for knowledge it is likely to know accurately such as in the figure below.



Question 2.

ChatGPT is not intelligent by any metric. It is impressive what it can do but that is the consequence of it being so large and having learned from such a vast training data set. But its outputs are merely statistically likely strings of tokens and do not come about from an active reasoning process. The example below shows a little problem I designed which the model got completely wrong though answered with confidence. This is also why I completely look down on people using LLMs to write code.



You

Hypothetically if a person is in a room with gold in front of him and lead behind him and he is turned 270 degrees counterclockwise, how should he turn before walking straight to get the most valuable material?



ChatGPT

If the person is initially facing gold, and after turning 270 degrees counterclockwise (which is equivalent to turning 90 degrees clockwise), they will end up facing the lead. To get to the most valuable material (gold), they should turn 180 degrees counterclockwise (or simply turn around) before walking straight ahead. This would bring them back to facing the gold, allowing them to walk straight towards it.

