

(a) Question

Task: Who was the director of the 2007 American action film starring the actress, professionally known as Maggie Q.?

(a1) ReAct only

Thought: I need to search for the director of the 2007 American action film starring Maggie Q.

Action: search[director of the 2007 American action film starring Maggie Q]

Observation: The film was directed by Aram Rappaport and produced by Hilary Shor, Atit Shah and Aaron Becker.

Thought: I have the answer.

Action: finish[Aram Rappaport]



(a2) CoT + ReAct

Thought: The 2007 American action film starring Maggie Q. is "Live Free or Die Hard." The director of the film is Len Wiseman.

Action: finish[Len Wiseman]



(b) Question

Task: What was Muammar Mohammed Abu Minyar Gaddafi's title during the Libyan Civil War?

(b1) ReAct only

Thought: I need to search for Muammar Mohammed Abu Minyar Gaddafi's title during the Libyan Civil War.

Action: search[Muammar Mohammed Abu Minyar Gaddafi title during the Libyan Civil War]

Observation: Muammar Muhammad Abu Minyar al-Gaddafi, [...] was a Libyan revolutionary, politician and political theorist who ruled Libya

Thought: The snippet does not provide the specific title of Gaddafi during the Libyan Civil War. I need to search again.

Action: search[Gaddafi's title during the Libyan Civil War]

Observation: Lieutenant Gaddafi became RCC chairman, and therefore the de facto head of state, also appointing himself to the rank of colonel and becoming commander-in-chief of the armed forces. [...]

Thought: Gaddafi's title during the Libyan Civil War was RCC chairman and de facto head of state.

Action: finish[RCC chairman and de facto head of state]



(b2) Reflexion + ReAct

[After 5 rounds of Thought and Action]

Thought: Now that I haven't solved the task within 5 steps, let me do a reflection and think about how to improve my strategy.

[...] I could try to search for a list of Gaddafi's titles or positions throughout his rule, and then cross-reference that with the timeline of the Libyan Civil War to find the most relevant title. Alternatively, [...]

Action: search[Gaddafi's titles and positions during his rule]

Observation: He first [...] and then as the Brotherly Leader of the Great Socialist People's Libyan Arab Jamahiriya...

Thought: The search result indicates that Gaddafi served as the Brotherly Leader of the Great Socialist People's Libyan Arab Jamahiriya from 1977 to 2011. This title is likely to have been used during the Libyan Civil War as well. I can use this as the answer.

Action: finish[Brotherly Leader of the Great Socialist People's Libyan Arab Jamahiriya]

