

## Function Calling and Structured Outputs

We will begin 8:40 PM



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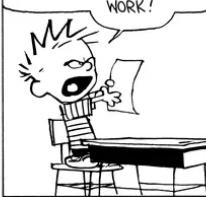
MISS WORMWOOD, I PROTEST THIS "C" GRADE! THAT'S SAYING I ONLY DID AN "AVERAGE" JOB!



I GOT 75% OF THE ANSWERS CORRECT, AND IN TODAY'S SOCIETY, DOING SOMETHING 75% RIGHT IS OUTSTANDING! IF GOVERNMENT AND INDUSTRY WERE 75% COMPETENT, WE'D BE ECSTATIC!



I WON'T STAND FOR THIS ARTIFICIAL STANDARD OF PERFORMANCE! I DEMAND AN "A" FOR THIS KIND OF WORK!



I THINK IT'S REALLY GROSS HOW SHE DRINKS MAALOX STRAIGHT FROM THE BOTTLE.



3-24-95B

## Toors

2022 - GPT-3.5

( Just text )

Blues them no

2026 - GPT-5.2 → Text  
→ Image  
→ Video  
→ Talk to you  
→ Web Search  
→ Shopping  
→ Book flight tickets.

Act on your behalf

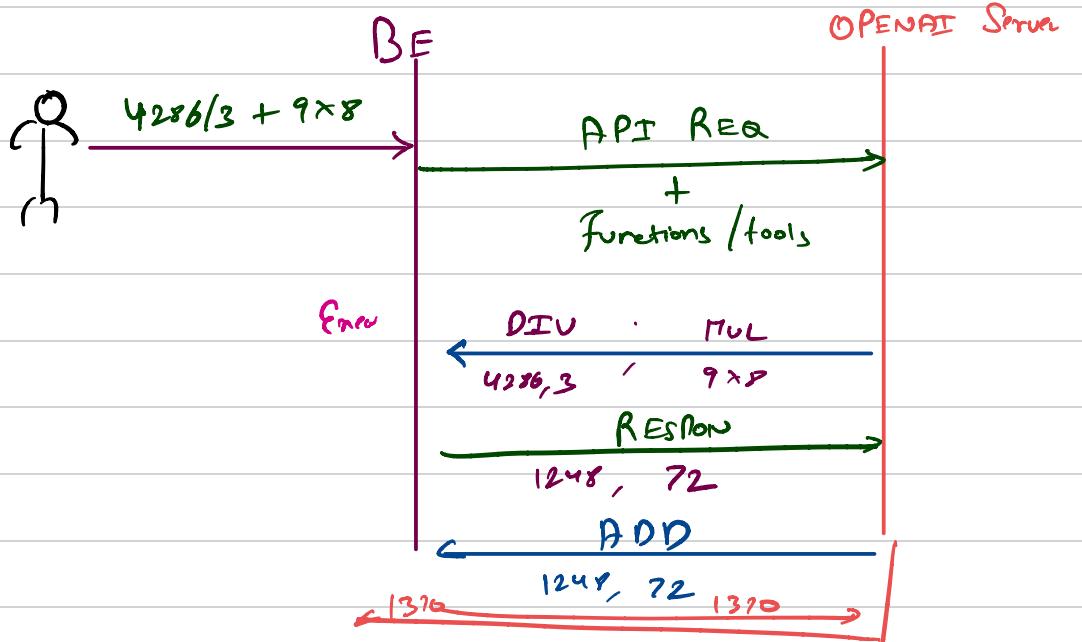
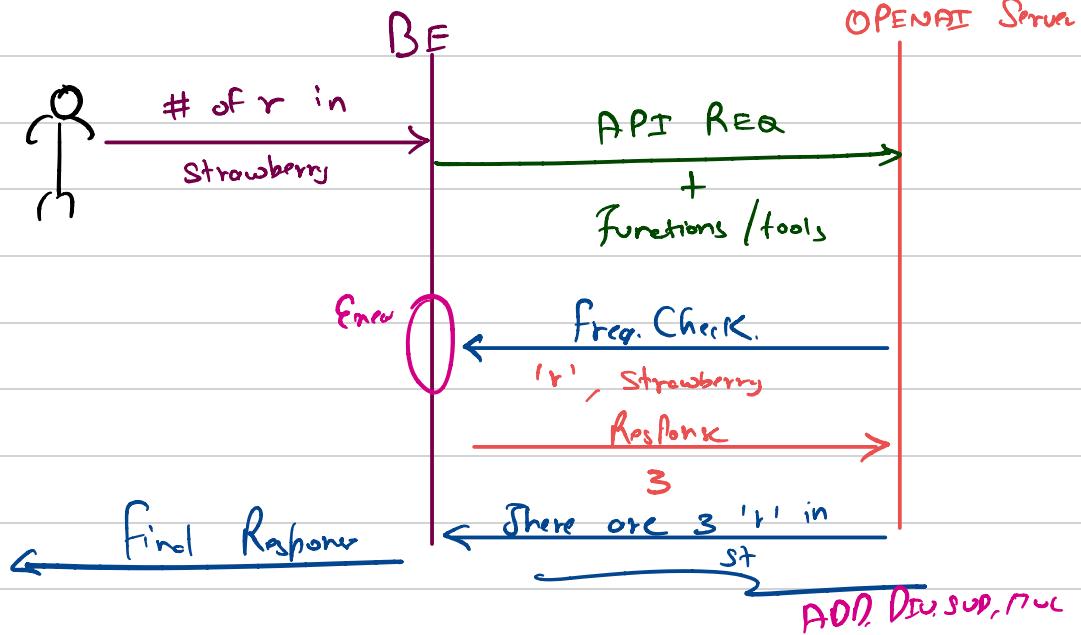
web-search ( Trump ); Calculator — Add

Sub  
mul  
div.

" No. of r in strawberry "

ADD  
freq.  
Freq. check

$$20 + 30 =$$



Drug -

① Web Search ✗

② Apollo ✓

Apollo

### AGENTIC AI:

- \* LLM With coherent/massive set of tools
- 1. Decompose a complicated task, execute steps, and keep going until the condition/requirement is met.
- 2. Plan a series of steps, and keep track of results, and what was accomplished and what's remaining.
- 3. Self-monitor, improvise.
- 4. Autonomy.





