

**WHEN LLMS
REBELS AND
SAYS **NO****

**EXPLORING
WHEN LLMS
CAN'T OR WON'T
FOLLOW
INSTRUCTIONS**

CHALLENGE SOLVED: WHY LLMS FAIL TO FOLLOW INSTRUCTIONS

- **LLMS MODEL ARCHITECTURE IS NOT ADVANCED ENOUGH**
- **NOT TRAINED WITH THE TYPE OF INSTRUCTIONS AND OUTPUT YOU ARE PROVIDING**
- **LIMITATION LIKE THE NOT HAVING ACCESS TO FILE SYSTEMS OR DISKS**
- **REQUEST INVOLVES COMPLEX LOGIC AND INVOLVES MANY VARIABLES THAT MODEL CANNOT HALLUCINATE WHILE FOLLOWING INSTRUCTIONS**
- **DUE TO PURE RANDOM CONDITIONS THAT IS NOT CONTROLLABLE**

WE WILL TAKE THE PROMPTS FROM THE REPO [SMOL.AI/DEVELOPER](#) WHICH CLAIMS TO HAVE GENERATED WORKING CODE. REPO SUGGESTS TO USE GPT-3.5-TURBO, HOWEVER

- **WE WILL USE CHATGPT & BARD WEB INTERFACES AND CHECK THEIR PERFORMANCE**
- **THEN COMPARE IT TO THE GOOGLE PALM API CHAT-BISON-001**

AN ASIDE : YOU ARE CODING FROM THE MOMENT YOU ARE BORN

WHAT IS CODING?

- **SERIES OF STEPS TO SOLVE A PROBLEM**
- **IF NEED A SYSTEM TO FOLLOW THESE STEP, THEN IT NEEDS A SYNTAX**
- **CONVERTING THE SOLUTION TO SYNTAX IS CODING**
- **CREATING THE SOLUTION IN FIRST PLACE IS PROBLEM SOLVING**
- **MAY OR MAY NOT INVOLVE ONE OR MANY DIFFERENT LANGUAGE /
SYSTEMS**

CODING / PROBLEM SOLVING IS REQUIRED WHETHER YOU ARE MAKING YOUR

MORNING BREAKFAST OR CODING ADVANCED APPLICATION

[HTTPS://GITHUB.COM/INSIGHTBUILDER](https://github.com/insightbuilder)

SIMPLE EXAMPLE: A PYTHON PROGRAM THAT CREATES GUI WHICH HAS TEXT BOXES THAT ACCEPTS THE NAME OF THE ITEM PURCHASED, AND THE QUANTITY.

- WHEN SUBMIT BUTTON IS THEN IT CALCULATES THE TOTAL COST BASED ON THE PRICE OF THE ITEM. LOCATE THE SUBMIT BUTTON AT THE BOTTOM OF THE GUI.

- WRITE THE CODE TO CONNECT WITH THE PRICE DATABASE TO GET THE PRICE OF THE ITEM THAT IS PURCHASED.

- GUI ALSO HAS BUTTON TO CREATE INVOICE COPY BASED ON THE ITEM, QUANTITY PURCHASED AND PRICE.

- THEN THERE IS A CLOSE BUTTON, WHICH ASK WHERE INVOICE COPY IS REQUIRED BY CREATING A POPUP.

AFTER GETTING THE USER INPUT, EITHER CLOSES OR PRINTS THE INVOICE AND THEN CLOSES.

IMPORTANT DETAILS:

- CODE HAS TO RUN IN A GUI ENVIRONMENT

- WRITE THE TEST CODE FOR CHECKING IF THE COST CALCULATION AND THE INVOICE IS GENERATED

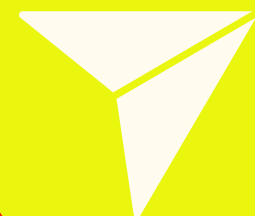
CORRECTLY.

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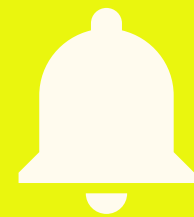
THANKS FOR WATCHING



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