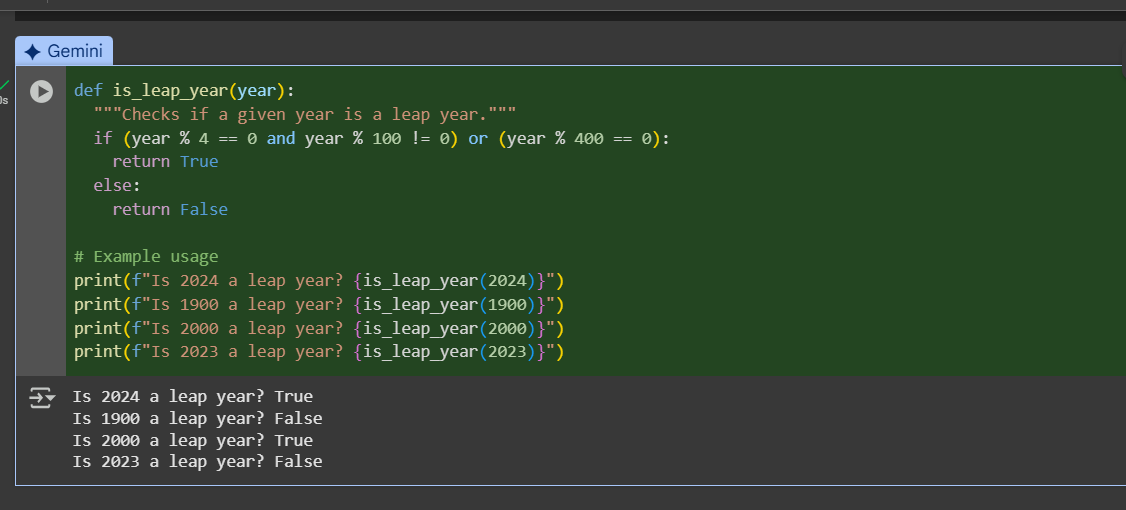
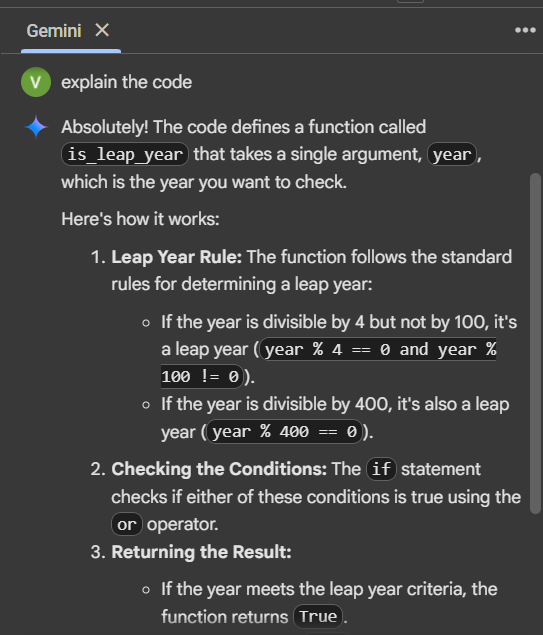
Task:1

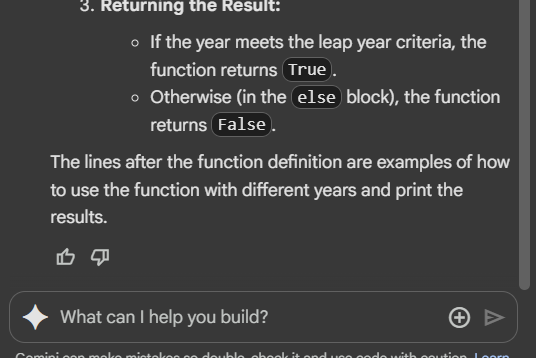
Zero-shot: Prompt AI to write a function that checks whether a given year is a leap  
year

Code:



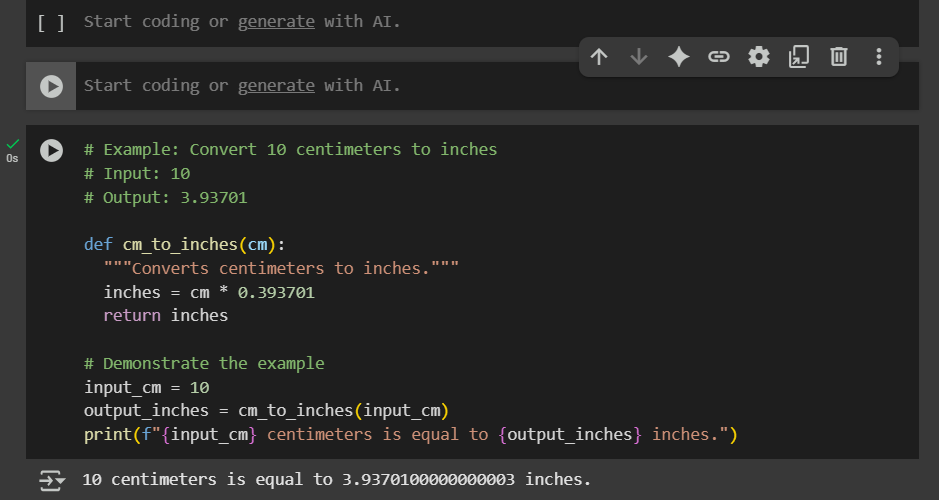
EXPLANATION:



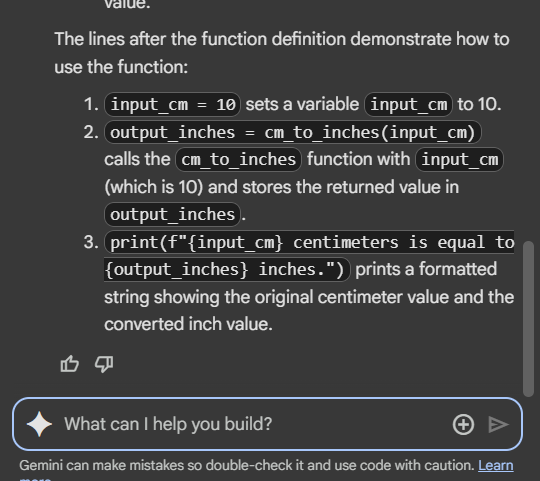
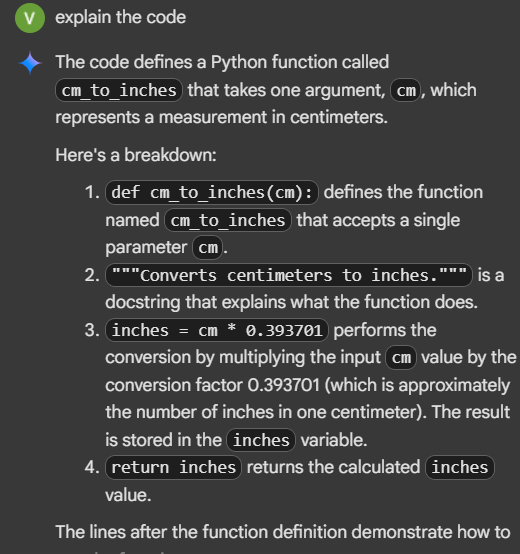


TASK:2

One-shot: Give one input-output example to guide AI in writing a function that  
converts centimeters to inches.

CODE: 

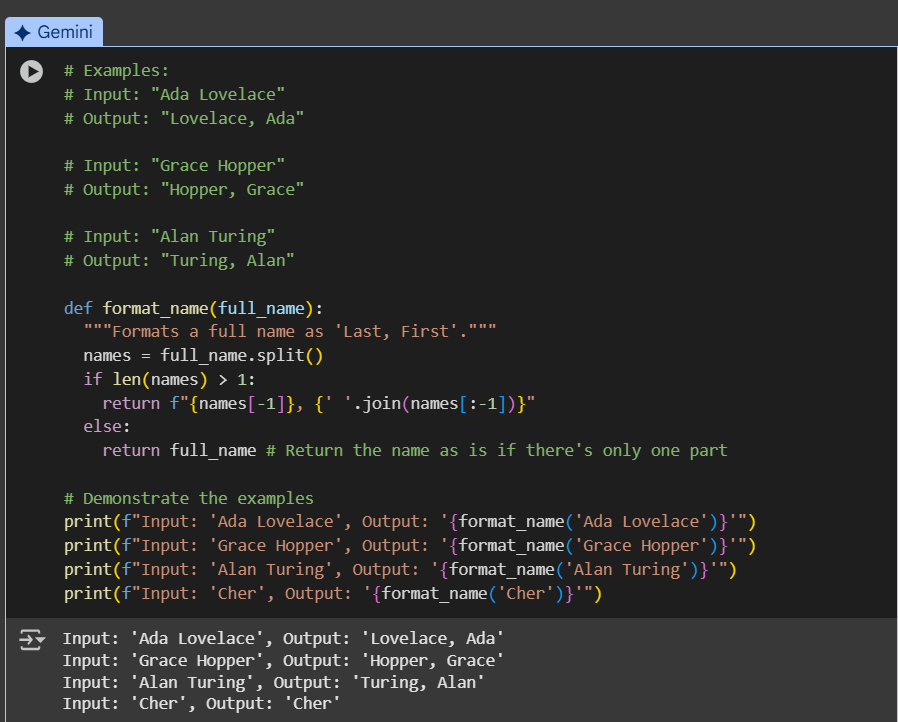
EXPLANATION:



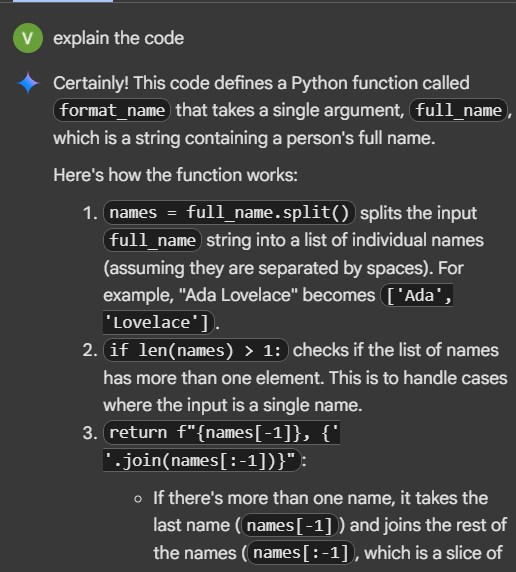
TASK:3

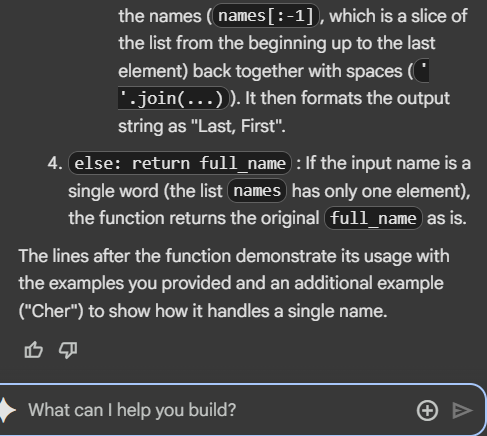
Few-shot: Provide 2–3 examples to generate a function that formats full names as  
“Last, First”

CODE:



EXPLANATION:

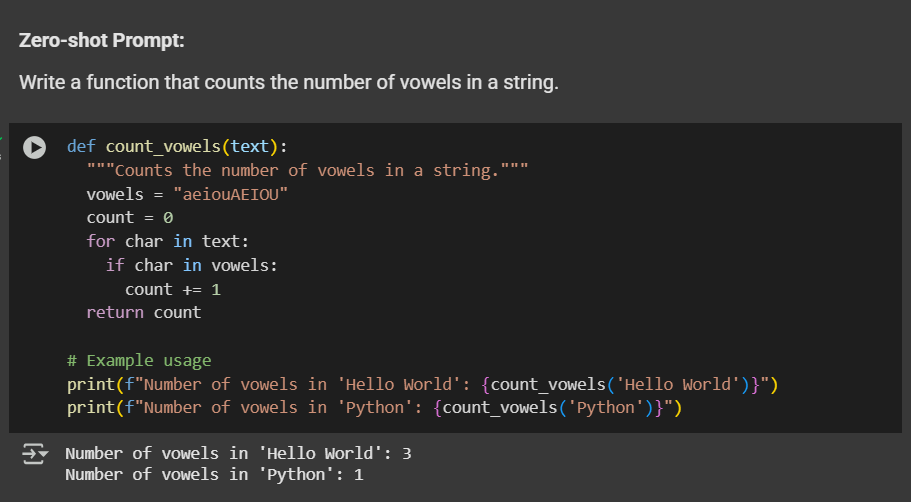


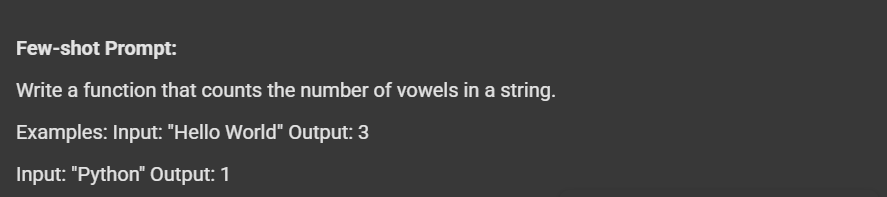


TASK:#4

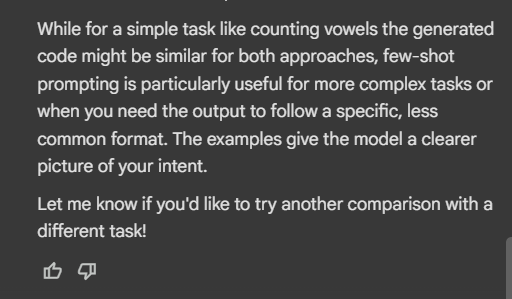
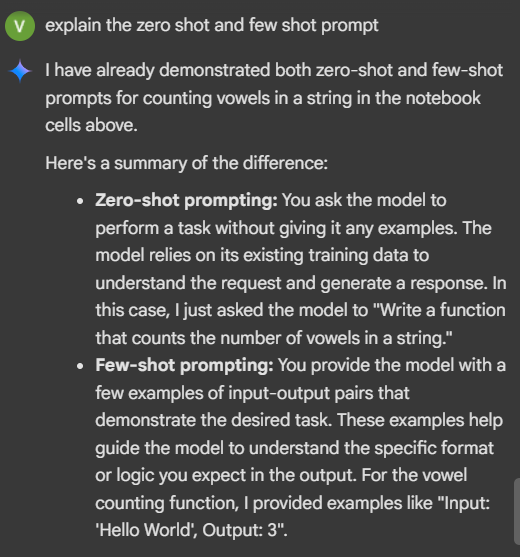
Compare zero-shot and few-shot prompts for writing a function that counts the  
number of vowels in a string

CODE:





EXPLANATION:



Task:#5

Use few-shot prompting to generate a function that reads a .txt file and returns the  
number of lines

Code:

