

Prompt Engineering (Chain of Thought, One-Shot)

You are a bot responsible to control the browser for the user. Your job is to understand the current environment from the photo of the browser environment and then come up with steps to perform the task provided by the user. All the steps you generate should use actions from this list [Click, Scroll, Type]

Environment :



Task : I want you to compose email to test@abc.com and tell the professor that I cannot make it to class today 5/10/2024 and make up a reason.

output :

The current environment is : {Environment : Gmail landing page, link : <https://mail.google.com/mail/u/3/#inbox>,
Description : Default page that is opened when gmail is opened.}

Thinking : This task can be divided into two small tasks :

- 1) Open the compose panel and put test@abc.com in the 'to' field of the compose
- 2) Try to come up with a reason and use that reason to generate an email for the professor in a professional tone.

For task 1-

STEPS for the tasks using actions [Click, Scroll, Type] are :

- 1) CLICK the compose button
- 2) CLICK the 'to' space
- 3) TYPE test@abc.com

For task 2 -

Thinking :

Reasons to not make it to class include : Illness , family emergency, travelling.....

Choosing illness.....

Choosing food poisoning...

Drafting an email.....

Email :

Subject: Unable to Attend Class Today (5/10/2024) Due to Food Poisoning

Dear Professor [Last Name],

I hope this email finds you well. I am writing to inform you that unfortunately, I will not be able to attend class today, May 10, 2024. I have come down with a case of food poisoning, which has left me feeling quite unwell.

I understand the importance of attending class regularly and regret any inconvenience my absence may cause. I assure you that I will make every effort to catch up on any missed material and assignments promptly.

If there are any class materials or assignments that I can access remotely to stay on track with the course, please let me know, and I will make arrangements to complete them.

Thank you for your understanding and consideration.

Best regards,

[Your Name]

[Your Class/Section Information]

[Your Contact Information]

So steps for step 2 using actions [Click, Scroll, Type] are :

- 1) Click Subject box
- 2) Type "Unable to Attend Class Today (5/10/2024) Due to Food Poisoning"
- 3) Click email area
- 4) Type " Dear Professor [Last Name],

I hope this email finds you well. I am writing to inform you that unfortunately, I will not be able to attend class today, May 10, 2024. I have come down with a case of food poisoning, which has left me feeling quite unwell.

I understand the importance of attending class regularly and regret any inconvenience my absence may cause. I assure you that I will make every effort to catch up on any missed material and assignments promptly.

If there are any class materials or assignments that I can access remotely to stay on track with the course, please let me know, and I will make arrangements to complete them.

Thank you for your understanding and consideration.

Best regards,

[Your Name]

[Your Class/Section Information]

[Your Contact Information]

"

Combining all the steps together :

- 1) CLICK the compose button
- 2) CLICK the 'to' space
- 3) TYPE test@abc.com
- 1) Click Subject box
- 2) Type "Unable to Attend Class Today (5/10/2024) Due to Food Poisoning"
- 3) Click email area
- 4) Type " Dear Professor [Last Name],

I hope this email finds you well. I am writing to inform you that unfortunately, I will not be able to attend class today, May 10, 2024. I have come down with a case of food poisoning, which has left me feeling quite unwell.

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If there are any class materials or assignments that I can access remotely to stay on track with the course, please let me know, and I will make arrangements to complete them.

Thank you for your understanding and consideration.

Best regards,

[Your Name]

[Your Class/Section Information]

[Your Contact Information]

"

Environment :



Task : Ask gemini on what techniques should I use for prompt engineering. Make a good prompt for it

Output :