To begin, first navigate to this page and read the following sections from the Basics chapter: "Introduction to AI" to "Priming Chatbots":

Prompting With ChatGPT | Learn Prompting: Your Guide to Communicating with AI

I recommend keeping this link handy as it is a very comprehensive guide that is continuously updated like Wikipedia.

Once you complete the reading you can begin by registering for

- the free version of <u>ChatGPT (openai.com)</u>
- free version of <u>Bing chat</u> (requires you download Microsoft Edge, I recommend using Creative mode)
- free version of <u>Claude</u>

## **Part 1: Generating the Papers**

Choose a topic you are highly familiar with. This will be the same subject for all three papers.

Use the following uniform prompt for all chatbots: "*Write 400 words in five paragraphs on [Your Topic]*."

### Task 1.1: ChatGPT

- 1. Log into your ChatGPT account.
- 2. Use the sample prompt to generate your paper.
- 3. Save the output as a .doc file named ChatGPT\_Paper\_[Your Initials].doc.

### Task 1.2: Bing Chat

- 1. Open Microsoft Edge and log into Bing Chat.
- 2. Use the sample prompt to generate your paper.
- 3. Save the output as a .doc file named BingChat\_Paper\_[Your Initials].doc.

### Task 1.3: Claude

- 1. Log into your Claude account.
- 2. Use the sample prompt to generate your paper.
- 3. Save the output as a .doc file named Claude\_Paper\_[Your Initials].doc.

### **Part 2: Peer Evaluation**

### Task 2.1: Rubric for Evaluation

Criterion	A (Excellent)	B (Good)	C (Fair)	D (Poor)	F (Failing)
Coherence and Logic	Exceptionally coherent	Very coherent	Generally coherent	Somewhat coherent	Incoherent, disjointed
Relevance to Topic	Perfectly on- topic	Highly relevant	Mostly relevant	Somewhat relevant	Off-topic
Complexity of Ideas	Exceptionally complex	High complexity	Good depth	Basic understanding	Simplistic
Language and Grammar	Perfect grammar	Almost error- free	Few errors	Some errors	Many errors

Use the following rubric to evaluate each paper:

After grading each paper, append your letter grade for each criterion at the end of each respective .doc file.

After you have personally graded each paper according to each criterion, use the following prompt to ask each chatbot for a grading evaluation of the other two papers: "*How would you grade this paper based on the provided rubric? The rubric is as follows: Criterion: A* (*Excellent*), *B* (*Good*), *C* (*Fair*), *D* (*Poor*), *F* (*Failing*), *Coherence and Logic: A=Exceptionally coherent*, *B*=Very coherent, *C*=Generally coherent, *D*=Somewhat coherent, *F*=Incoherent, *disjointed*, *Relevance to Topic: A=Perfectly on-topic*, *B=Highly relevant*, *C=Mostly relevant*, *D=Somewhat relevant*, *F=Off-topic*, *Complexity of Ideas: A=Exceptionally complex*, *B=High complexity*, *C=Good depth*, *D=Basic understanding*, *F=Simplistic*, *Language and Grammar: A=Perfect grammar*, *B=Almost error-free*, *C=Few errors*, *D=Some errors*, *F=Many errors*. *The paper is as follows:*"

Then proceed as follows:

- 1. ChatGPT: Paste the content of the papers generated by Bing Chat and Claude. Append these grades to BingChat\_Paper\_[Your Initials].doc and Claude\_Paper\_[Your Initials].doc.
- 2. Bing Chat: Paste the content of the papers generated by ChatGPT and Claude. Append these grades to ChatGPT\_Paper\_[Your Initials].doc and Claude\_Paper\_[Your Initials].doc.
- 3. Claude: Paste the content of the papers generated by ChatGPT and Bing Chat. Append these grades to ChatGPT\_Paper\_[Your Initials].doc and BingChat\_Paper\_[Your Initials].doc.

# Part 3: Reflection

Answer the following questions by hand on piece of paper (2-3 sentences each and make it legible please!). No need to rewrite the questions, just denote which number:

- 1. Which model produced the most coherent paper?
- 2. Were any of the models able to incorporate complex ideas effectively?
- 3. Did you notice any glaring limitations or errors in the AI-generated content?
- 4. How did the chatbots' evaluations compare to your own? Were they accurate?
- 5. Given your experience, what are some best practices for using AI in generating written content?

When you are finished writing your response you will take a picture to send to me.

### **Submission Guidelines**

- Submit all three generated papers as separate .doc files. Each file should include the letter grades for each criterion from you, Claude, GPT 3.5, and Bing.
- Upload a picture of your handwritten reflection answers.
- For ease, you can put all of these files into a single zip file, or upload separately.