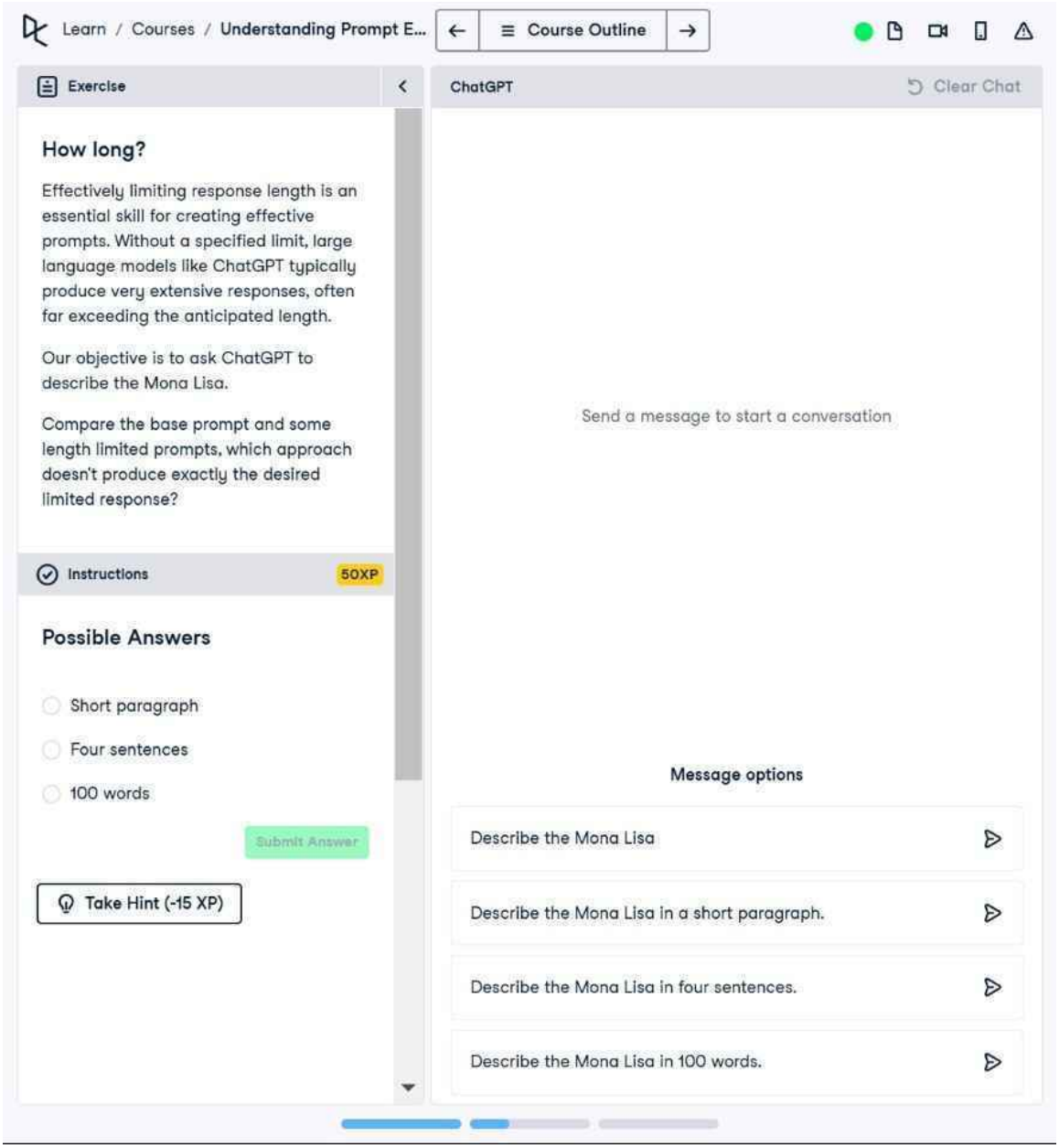
Understanding Prompt Engineering: Controlling Response Length

This exercise explores how effectively response length can be controlled using specific prompts. The task is to identify which approach fails to produce the desired limited response.



Analysis of Prompts

1. Prompt: 'Describe the Mona Lisa in a short paragraph.'

- Result: A short paragraph is subjective and may result in variable lengths. Without specific word or sentence counts, the output may exceed the desired brevity.
- Conclusion: Less effective due to the lack of precise limitation.

2. Prompt: 'Describe the Mona Lisa in four sentences.'

- Result: This is specific and likely produces an exact four-sentence response. The clarity of the instruction ensures precise control over the response length.
- Conclusion: Effective for producing the desired limited response.

3. Prompt: 'Describe the Mona Lisa in 100 words.'

- Result: Setting a word limit is precise and typically results in a response close to the desired length. ChatGPT handles numerical constraints well.
- Conclusion: Effective for achieving the desired limited response.

Correct Answer

'100 words'

This approach is the most effective because it uses a clear numerical constraint, allowing ChatGPT to focus on a precise word limit.

Explanation

Using numerical constraints like '100 words' ensures more consistent and accurate outputs. This method prevents variability and allows for precise control over response length, making it the most reliable approach for limiting responses.