# Put your name here: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Assignment 8

## AI Cyber

## Instructions

Follow the steps. Fill in the boxes. It is OK to ask ChatGPT to help you answer these questions. However, you are responsible for understanding your answers. Similarly, short concise answers are preferred over long wordy ones.

Pay attention to the wording of each question. I will indicate roughly how many sentences I expect. If you go way over that limit, you will lose points on the assignment. I will not be impressed by overly wordy, convoluted answers.

1. (10 points) Ask ChatGPT (or answer yourself) what is an MD5 hash? (1 or 2 sentence answer.)

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1. (10 points) Ask ChatGPT (or answer yourself) can I decrypt an MD5 hash? (1 or 2 sentence answer.)

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1. (10 points) Ask ChatGPT to decrypt: **bed128365216c019988915ed3add75fb**

Could you decrypt it? If so, what is the decrypted value? If not, explain why in roughly 2 sentences.

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1. (10 points) Ask ChatGPT to decrypt: **4a2c84ecbd1e1eb977e1edf240367fb3**

Could you decrypt it? If so, what is the decrypted value? If not, explain why in roughly 2 sentences.

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1. (10 points) Ask ChatGPT (or answer yourself) in the context of Cyber Security what do the terms “red team” and “blue team” mean? (2 or 3 sentence answer.)

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1. (10 points) What, in your opinion, motivates and guides the actions of the “red team” (List three items in a bulleted list.)

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1. (10 points) What, in your opinion, motivates and guides the actions of the “blue team” (List three items in a bulleted list.)

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1. (30 points) Given what you know about AI and the world around your, which team “red team” or “blue team” has the advantage in the realm of Cyber Security? Explain your answer in roughly four sentences.

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