Homework Data Centres Paper (10 points)
Due: Monday, December 3rd
(submit hard copy in class)

CSCI 101 includes reading/writing assignments in order to help meet the ABET accreditation criteria of training students to have “the ability to communicate effectively”. In this assignment, you are to read an article and then write responses to the following questions. Your written responses must be in your own words. Full credit is only possible for grammatically correct responses. Use appropriate citations for any source you use besides the paper listed below.

New research creates a computer chip that emulates human cognition
By William Weir
November 28, 2017

After reading the article listed above, answer the following questions. Your total response should be at least a page, single spaced, and not more than two (typed).

1. (2 points) What are the similarities between how this chip and the human brain operate?

2. (2 points) What do you think of neuromorphic computing as a concept? (Is it interesting? Maybe a little unsettling?) Justify your response.

3. (2 points) In your opinion, have computers really changed much since the early days? Explain your response.

4. (2 points) How does the TrueNorth chip function so much faster than older methods?

5. (2 points) Why did synchronous circuits become the standard, when it was known that asynchronous circuits were much faster?