In class Exercise 6 for 10/23/19

1. Briefly explain how three buses connected to memory modules works to write or read data.
2. Name the different types of memory
3. What are the similarities of virtual memory to cache memory?
4. What’s a memory hole
5. What are the formulas to calculate AMAT, hit rate and miss rate?
6. Using this program segment show how spacial and temporal locality work. Show graphs

For (i=0; i<200; i++) {

Sum = sum+grades[i]

1. Show the fields of cache, given 256 meg RAM, 256 K Cache, and 32 bytes per block.