

Homework - Week 5

CS 101

Due: Wednesday, October 10th

1. Show your work to receive full credit on the following questions:
 - (a) Convert the binary number 11100111 to decimal.
 - (b) Convert the answer from part 1a to hexadecimal.
 - (c) Convert the binary number 11100111 to hexadecimal using the shortcut we discussed in class.
2. What is the color #FF0000 in HTML? (Feel free to try it out to see what happens.) Why does it make sense that this is the result?
3. Given the memory below and the following instructions, what result do you expect in address 2 after the instructions are run?
ADD 2 5 0
ADD 2 2 1

3	9	2	0	2	6
---	---	---	---	---	---