Lab4 questions CMSC257
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1) Question1: What would happen if we passed p instead of *p to printf?
    a) The variable p would not be dereferenced, so the address of the variable x would be printed since p is still acting as a reference to x.
2) Question2: What would happen if we dereferenced a pointer that had the value of NULL?
    a) The pointer would be pointing to NULL(nothing), so rather than display the address of the NULL value, a print statement dereferencing p would display the default value of an integer variable: 0.
3) Question3: What would happen if you tried to execute the following code? How could you fix it by changing the second line only, so that the program prints dereferenced t?
    a) It gives a warning that it expects an int type, but the *v is an int pointer type. I could fix it by adding an asterisk (*) in front of the v so that there would be 2 asterisks (**) by the v. This would actually produce the dereferenced value of t, which is the value stored in c.
4) Question4: What is sizeof(int)? What is sizeof(3.14)?
    a) sizeof(int) = 4
    b) sizeof(3.14) = 8