CSCI 4, HOMEWORK 1

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1. QUESTION 1

Please explain what pseudocode is and why we use it.

2. QUESTION 2

Please write some pseudocode for opening a jar of penut butter. Remeber that this is less about getting it right and more about breaking the problem down into very small pieces.

3. QUESTION 3

Reduce all the expressions below as much as possible
1. $(x - 6) + 5$
2. $1 + 1$
3. $2 + 2 + 10$
4. $2 * 10 - x$

4. QUESTION 4

Please explain to me what the basic data types are and why we need them in your own words.