**Example of Pseudo Code**

An example of pseudo code for calculating total purchases at a store.

1. Create a variable to hold the price of an item.
2. Create a variable to hold the name of an item.
3. Create a variable to hold the quantity of an item.
4. Create a variable to hold the total cost of item (quantity times the item price).
5. Create a variable to accumulate all total costs into the grand total of the entire purchase.
6. Create a variable to hold the tax for the total cost
7. Create a variable to hold grand total plus taxes
8. Begin a loop:
   1. Ask the user for the **name of an item**
   2. Ask the user for the **price of an item**
   3. Ask the user for the **quantity of an item**
   4. Calculate **total cost of an item** by multiplying the **price** times the **quantity of an item**
   5. Display the item **name**, **unit price**, **quantity**, and **total cost of an item**
   6. Accumulate each **total cost of item** in an accumulator of **grand total purchases**
   7. Ask user if there are more items to purchase, and if so, repeat loop starting with 8a.
9. Once loop is done (no more items to purchase):
   1. Display the **grand total of purchases**
   2. Calculate **total tax** by multiplying **grand total of purchases** by 7% and save the result in a variable called **total Tax**.
   3. Calculate ***grand total plus taxes*** by adding grand total of purchases to total tax
   4. Display **total Tax** and ***grand total plus taxes***