Aaron Board

6/15/16

Homework 2

Need to write a program that calculates a quote for a shirt order. It must gather a customer name and dates for an order as well as how many shirts and if they would like any extras.

Inputs

* Name
* Date ordered
* Date needed
* Size
* Number of shirts
* Shirt price
* Total price
* Current price
* Add more

Outputs

* Name
* Date ordered
* Date needed
* Shirt price
* Total price
* Current price

Data Types

* Name = string
* Date ordered = string
* Date needed = string
* Size = string
* Number of shirts = integer
* Shirt price = float
* Total price = float
* Current price = float
* Add more = string

30,000 foot view

* Print a welcome
* Gather name and dates
* Start a while loop
  + Set condition to stop when a user doesn’t want to add anymore shirts
* Ask for the size and number of shirts
* Determine what size they want
  + Set multiple if loops to determine the correct shirt price
* Ask if they would like extras
  + Set multiple if loops to see what they want and adjust the shirt price accordingly
* Calculate a current total
  + Number of shirts \* shirt price
* Output total for the amount of shirts with the extras desired
* Add an accumulator to keep track of the grand total
  + Grand total = grand total + current total
* Ask if they would like to add more shirts
  + If yes, start the loop again
  + If no, end the loop
* Print an order form
  + Include:
    - Name
    - Dates
    - Grand total
* Print a farewell