AQ1.2: Activity Questions 2 - Not Graded

**This assignment will not be graded and is only for practice.**

***1 point***

State whether the following statement is true or false:  
  
When moving cards from one pile to the other for counting the number of cards, the order in which the cards are processed is important.

True

False

***1 point***

At any intermediate stage in the process of moving the cards from one pile to the other, what does the value in the variable count represent?

It does not mean anything

It is the number of cards that have been moved from one pile to the other so far

It is the number of cards that are remaining in the first pile

***1 point***

Match the following statements with the corresponding concepts:  
  
**Statements**

S1: Going through a sequence of objects and performing the same operations on each object.

S2: An entity whose value keeps changing as the computation goes on.

**Concepts**

C1: Variable

C2: Iteration

(S1, C1), (S2, C2)

(S1, C2), (S2, C1)

***1 point***

State whether the following statement is true or false:  
  
For finding the average mathematics marks, we need to perform two iterations through the cards. First, to find the number of cards. Second, to find the sum of the marks. We cannot do both in a single iteration.

True

False

***1 point***

We use the variables **verbCount, pronounCount** and **otherCount** to maintain counts for the verbs, pronouns and other parts of speech in the “Paragraph Words” dataset. We iterate through all the cards to get these three counts. At the end of the execution, we add the values in all three variables. What can you say about this sum?

It represents nothing

It is equal to the total number of cards in the dataset