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*GitHub link: https://github.com/Rufuscsc/Csc-235*

**Self-describing Pseudocode**

**START**

**FILE** open file

check if the file is empty or not

**READ** the first line of the file which is an integer value of the number of trials

**FOR** the number of trials gotten from the file first line

**READ** the file second line of the file

**STORE** the values got from the second line as a string

**FOR** **I** in the range of 0 to the length of the value gotten from the second line

**DISPLAY** the number gotten from the second line, from index 0 to the index of the last number

**DISPLAY I** alongside the value of the second line

**ENDFOR**

**FUNCTION** that runs through the value store from line two of the file

**FOR I** in the range of 0 to the length of the value gotten from the second line

**COMPUTE** if I equal a number from the value stored, add one to an integer variable count.

**ENDFOR**

**IF** count is equal to the index I of the value stored

**DISPLAY** the number is self-describing

If count does not equal the index I of the value stored

**DISPLAY** it is not self-describing

**ENDFUNCTION**

**FILE** close file

**END**