```smalltalk
Array variableSubclass: #Datastore
    instanceVariableNames: ''
    classVariableNames:
        'DataFile ArrIndex Storage Size'
    poolDictionaries: ''
    category: nil
!

!Datastore class methodsFor: 'instance creation'!
new
    DataFile <- FileStream open: 'data' mode: 'r'.
    Storage <- Array new: 99.
    Size <- 99.
    self reset
!!
!Datastore class methodsFor: 'basic'!
asgn: aValue
    ArrIndex <- ArrIndex + 1.
    Storage at: ArrIndex put: aValue
!
getval
    ArrIndex <- ArrIndex + 1.
    ^ Storage at: ArrIndex
!

nextval
    ^ ((DataFile next) digitValue - $0 digitValue)
!
reset
    ArrIndex <- O
!!
|k j sum|
Datastore new.
"Initialize k"
[(k <- Datastore nextval) > 0]
    whileTrue: [1 to: k do:
                [(j <- Datastore nextval) print.
                 Character space print.
                 Datastore asgn: j].
               Datastore reset.
               sum <- O.
               ' SUM =' print.
               1 to: k do:
                 [ sum <- sum + Datastore getval].
               sum printNl.
               Datastore reset]
!
```