

UPDATING FILES (UNORDERED LISTS)

A data file is changed (updated) using the following steps.

1. Read the file in and store the data into arrays
2. Make any changes (updates) necessary to the existing file.
3. Rewrite the entire file back onto the disk using either
 - a) another filename
 - b) the same filename (this will destroy the old file contents)

There are basically 3 types of updates

Changes
Deletions
Additions

DELETING

Assume we have the following situation

Name(1)="Tom"
Name(2)="John"
Name(3)="Frank"
Name(4)="Sam"
Name(5)="Pete"

PROBLEMS

1. Delete Tom from the list

For I=1 to 4
 Name(I)=N(I+1)
Next I
2. Assuming the original list is intact, delete the 3rd name from the list.

For I=3 to 4
 Name(I)=name(I+1)
Next I
3. Generalize! Delete item #J from a list of N names.

N=N-1
For I=J to N
 Name(I)=Name(I+1)
Next I