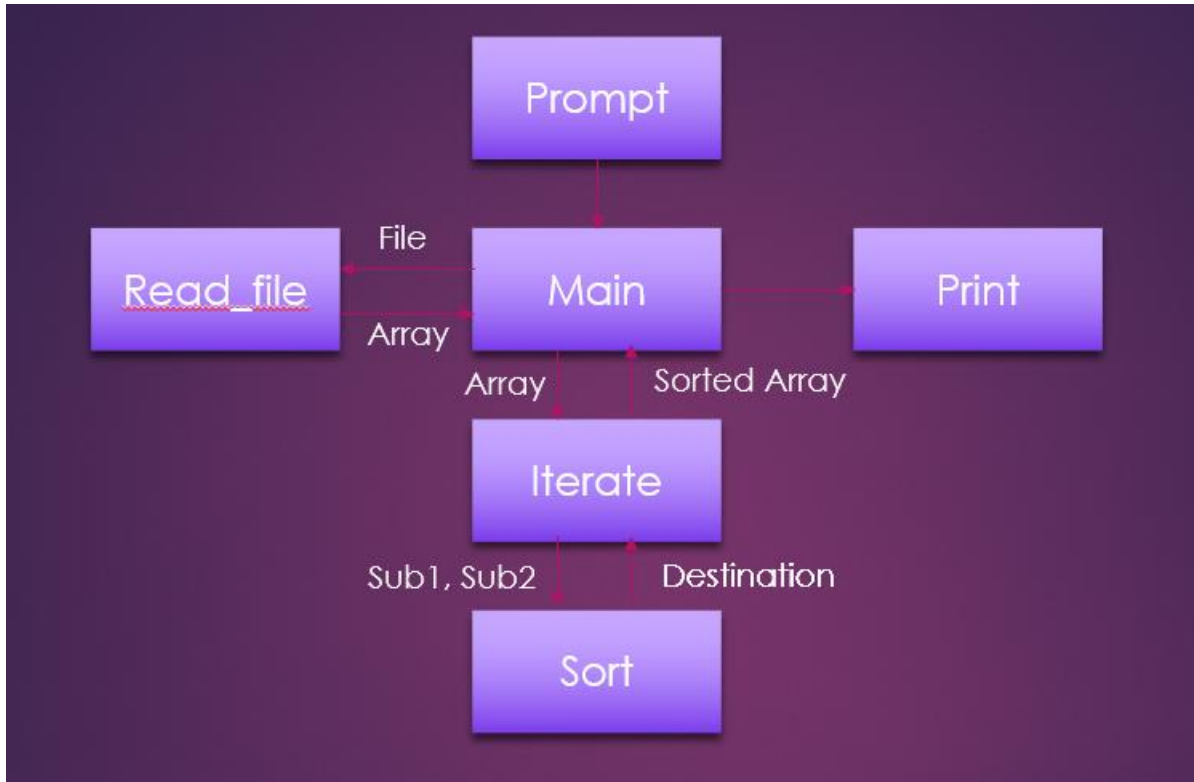# 1. Name:
Penelope Sanchez
2. Assignment Name:
W07 Lab: Sub-List Sort Design
3. Assignment Description:
Design a program to read in a collection of names & sort them.
4. What was the hardest part? Be as specific as possible.
Create the Structure Chart
5. How long did it take for you to complete the assignment?
4 hrs

Structure Chart

Pseudocode

array: sortable values
len: length

```
   x ← 1
   while x < len
     y ← x
     while y > 0 & array[y - 1] > array[y]
       swap array[y - 1] & array[y]
       y ← y - 1
     end while
     x ← x + 1
   end while
end procedure
```