1. How are files different from arrays, etc. (in virtual memory)?

- Permissions (security on file)
- Location vs. file (file pointer) vs. full use of array
  (seek vs. direct access)
- Access to arrays is quicker - Files are sequential access only
- Arrays have elements that are of fixed size, whereas files may not
- Size of file can change without change to location, whereas arrays must be redefined
- Files are stored in multiple nodes across a disk, whereas arrays are stored sequentially (in a chunk) in virtual memory
- Files survive on non-volatile media after the process that has created it is terminated
- Multiple processes can access the same file, whereas each virtual array is associated with one process