1. Files
   (a) Reading and writing binary files
      i. Member functions (methods): open, close, read, write, fail, eof
   (b) Reading and writing text files
      i. Member functions (methods): open, close, get, getline
      ii. Using the stream operators >> and <<

2. Arrays
   (a) Dynamically allocated arrays
      i. Using new
      ii. Using pointers
      iii. Two dimensional arrays

3. Structures
   (a) Declarations
   (b) Accessing data members

4. Lists
   (a) Implementation using a structure
   (b) Ordered lists and un-ordered lists
   (c) Operations on lists
      i. Insert (ordered vs. unordered lists)
      ii. Delete (ordered vs. unordered lists)
      iii. Linear search (unordered lists)
      iv. Binary search (ordered lists)

5. Pointers
   (a) Initializing and de-referencing

6. Problem solving skills