# CPS 171    MP7

## PROGRAM APPEARANCE, READABILITY AND PRESENTATION

**DOCUMENTATION**  (4)                                              *REMARKS*
___Introduction/synopsis/overview appropriately descriptive of problem, input/output
   discussed, assumptions described, variables described, and name of programmer noted
___Internal-blocks described, strategies/algorithms non-standard procedures explained
___Functions appropriately commented
___Meaningful identifiers/ use of self-documenting CODE
**STYLE**  (2)
___Spacing/indentation/upper case-lower case letters enhanced readability by
   highlighting or displaying the structure of the program, blocks easily identified

## PROGRAM CONTENT

**STRUCTURE** (20) (program & data)
  *DATA*
___Made appropriate choices between variable types and had accurate arithmetic in
   expressions or assignments(coercion)
___Appropriate class declarations
___Appropriate choice of data structures
___Accurate use of arrays, parallel arrays, two-dim arrays
*PROGRAM*
___Assignment statements easily interpreted
___Correct use of If-then & If-then-else structures
___Correct use of iterations/correct choice between definite and
   indefinite (While, Do while & For)
___Well chosen functions
___Accurate definition of member functions
___Accurate choice between Value returning and Void Functions
___Well designed Main Function
___No global reference/ no side effects
___Correct choice between Value and Reference parameters
___Correct nesting of structures
___Program accounts for various types of errors that could occur
___Correct use of multiple files

**STRATEGY** (5)
___Problem broken into appropriate blocks
___The solution was reasonable/appropriate/efficient/
   understandable and the data structure appropriate to strategy

**INPUT** (2)
___correct reading from screen or file(s)
   (EOF, sentinel, for and while accurately used)

## PROGRAM RESULTS

**OUTPUT** (11)
___accuracy-all requirements present and accurate
___data nicely presented/styled/described by well chosen use
   of character strings and spacing
___hard copy of data file(s)

## MACHINE PROBLEM DUE DATE

**TIME** (6)
___ time (every two days late = one point deducted)

                                              Total missed_____