CPS 171 MP4 Winter 2015 – DUE 03/25/2015 – 45 Points   Total_____

PROGRAM APPEARANCE, READABILITY AND PRESENTATION

DOCUMENTATION (4)
___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
___All functions have descriptive comments, parameter interfacing discussed
___Meaningful identifiers/ use of self-documenting CODE

STYLE (4)
___ Spacing/indentation/upper case-lower case letters enhanced readability by/
    highlighting or displaying the structure of the program, blocks easily identified

---

PROGRAM CONTENT

STRUCTURE (18) (program & data)
  DATA
___Made appropriate choices between real and integer variables
   and had accurate arithmetic in expressions or assignments(coercion)

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 choice between Value returning and Void Functions
___(3) void function
___(3) value returning function
___(3) void function that returns multiple values in parameters
___No global reference/ no side effects
___Correct choice between Value and Reference parameters
___correct nesting of structures

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

INPUT (3)
___correct reading from screen or FILE
   (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
___copy of data file(s) included

                                        Total missed_____