

Name _____

CPS 171 MP5 - 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 (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 (17) (program & data)

DATA

- ___ Made appropriate choices between real, integer, and character variables
- ___ Correctly defined enumerated data types
- ___ string variables accurately used

PROGRAM

- ___ assignment statements easily interpreted
- ___ correct use of required enumerated data types
- ___ correct use of string functions
- ___ 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
- ___ Well designed Main Function
- ___ No global reference/ no side effects
- ___ Correct choice between Value and Reference parameters
- ___ correct nesting of structures
- ___ correct use of arrays (2 points)

STRATEGY (5)

- ___ problem broken into appropriate blocks
- ___ The solution was reasonable/appropriate/efficient/understandable and the data structure appropriate to strategy

INPUT (4)

- ___ correct reading from screen or FILE (EOF, sentinel, for or while accurately used)
- ___ appropriate choice of input data to test the robustness of the program

PROGRAM RESULTS

OUTPUT (13)

- ___ accuracy-all requirements present and accurate
- ___ data nicely presented/styled/described by well chosen use of character strings and spacing
- ___ copy of data file included
- ___ copy of "first game" played exactly as shown on the assignment sheet

Total missed _____