Scripting Competency Test

Measurement

This test is to measure:
1) The capacity of the candidate to write maintainable and readable code.
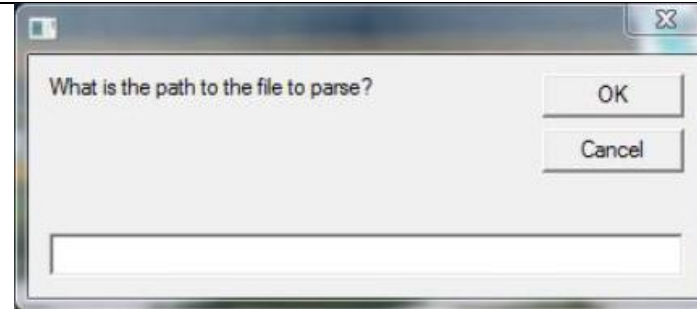2) The level of knowledge of the VBScript syntax.

Test Procedure

1) The test is sent by email to the candidate by the evaluator in a PDF format.
2) The candidate returns the results to the evaluator by replying to the original email and attaching the program/code in a text file with the name "pegtest.vbs.txt" and the file containing the numbers for the grid.
3) The candidate should return the result within 48 hours following the test reception.
4) The test must run successfully when your program "pegtest.vbs" file is opened by the evaluator.

Program Description

Write a VBScript program to open a text file containing the following lines of text as shown:
8;3;2
5;10;4
6;6;1

The program should ask for the path to this file to parse:

The program should then parse and save the text in a different file to display it as shown in the grid below in Internet Explorer.

Problem to solve:
Move one number from each column to produce equal sum columns.

1. Display the initial grid in the browser

8	5	6
3	10	6
2	4	1

2. Provide a way for the user to indicate which cells to exchange/swap.
3. For each exchange/swap, redisplay the grid in the same browser instance to show:
   - The numbers exchanged in their new positions.
   - Calculate the column totals and place them in the bottom row.

When the problem is solved it should:
1. Display the bottom row with the solution (equal sum columns).
2. A message prompting the user the solution has been achieved.
3. The browser is closed to end the program.