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Revision 1

SerPar1 is a first revision of the SerPar program described below. This revision involves mostly size correction that should enable it to run on a 640 X 480 resolution screen.

SerPar1.exe is a Windows program that will help you drill on electronics circuits. Series - Parallel resistor circuits are the first complex circuits an electronics student encounters. When the program opens you will be instructed to click the left mouse button on one of five circuit figures. You will then see a list of values for power supply voltage and resistor values. After you calculate total resistance and all resistor currents and voltages including R-Total and I-Total you'll be given the correct calculated results to check your calculation accuracy.

User Skills required: The program assumes you know how to perform series-parallel resistor circuit calculations. No instruction in doing these is given. The program also assume minimum Windows skills, including mouse usage, no keyboard substitutes for mouse clicks are provided.

Notes on program performance: Solutions output was formatted so that there may be variations in answer resolution as high as one count in the second significant digit.

Program technical notes: Size: 34.4 kilobytes. The program was created using Microsoft Visual Basic. v. 3.0 with much of the code taken from an earlier Microsoft Quick Basic version.

Source Code available: If you are interested in source code for this program send me a note on the Exec-PC Bulletin board, 414-789-4360. Or write to the address below:

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