

Program 7

Simple Functions with Pointers
Even More Resistors !!!

Name: _____ Time spent: _____ min

Redo program 5/6 but create 2 functions with pointers: one to calculate the series resistance, one to calculate the parallel resistance. 100 pts

Use the following prototypes:

```
// calculates but does not print series resistance
void calc_series(int val1, int val2, float * result);
// calculates but does not print parallel resistance
float calc_parallel(int * val1, int * val2);
```

Both must print outside the function

Provide **flow diagram**, **code**, and **results** for {3000, 3000, s}, {300, 300, p}, {1, 1000, P}, {1000, 5000, S}

```
Programming_Project.exe [C/C++ Application] [pid: 31]
Program HW #7
Dr. Johnson

Resistor Combination Calculator using Functions and Pointers

please enter your 2 resistor values and s, S, p, or P: 300 400 S
300 Ohms in series with 400 Ohms = 700.000000 Ohms

please enter your 2 resistor values and s, S, p, or P: 2000 20000 p
2000 Ohms in parallel with 20000 Ohms = 1818.181763 Ohms
```