

Program 6

Simple Functions
More resistors !

Name: _____ Time spent: _____ min

Redo program 5 but create 2 functions: one to calculate the series resistance, one to calculate the parallel resistance.

Use the following prototypes:

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

Function does both

Must print outside the function

Provide **flow diagram**, **code**, and **results** for {2000, 2000, s}, {3500, 3000, p}, {1, 10000, P}, {10000, 50000, S}

```
Programming_Project.exe [C/C++ Application] [pid: 22]
Program HW #6
Dr. Johnson

Resistor Combination Calculator using Functions

please enter your 2 resistor values and s, S, p, or P: 300 300 p
300 Ohms in parallel with 300 Ohms = 150.000000 Ohms

please enter your 2 resistor values and s, S, p, or P: 500 450 S
500 Ohms in series with 450 Ohms = 950.000000 Ohms
```