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# ENGS 22; Lab 3 - Prelab

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**This function will calculate the resistance of two resistors in parallel**

```
function Rp = rpar(R1, R2)
Rp = R1.*R2./(R1 + R2);
end
```

*a* =

5

*b* =

10

*c* =

0.9990

## Demonstration

```
a = rpar(10, 10)
b = rpar(20, 20)
c = rpar(1, 1000)
```

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