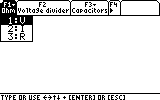
Thank you for downloading this program!!!!!!☺

Instructions:

OHM:

This will calculate for you voltage ,current

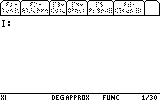
and resistance(V=I\*R,I=V/R,R=V/I)

This section has 3 options:V,I and R

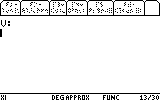
V means voltage

I means current

R means resistance

When the program asks you to input

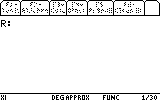
the Current (IN AMPS)it will look like that(this appliesto every single section except “transistors”):



When the program asks you to input the

Voltage(IN VOLTS) it will look like that(this applies to

every single section except “Voltage divider”):

When the program asks you to input the

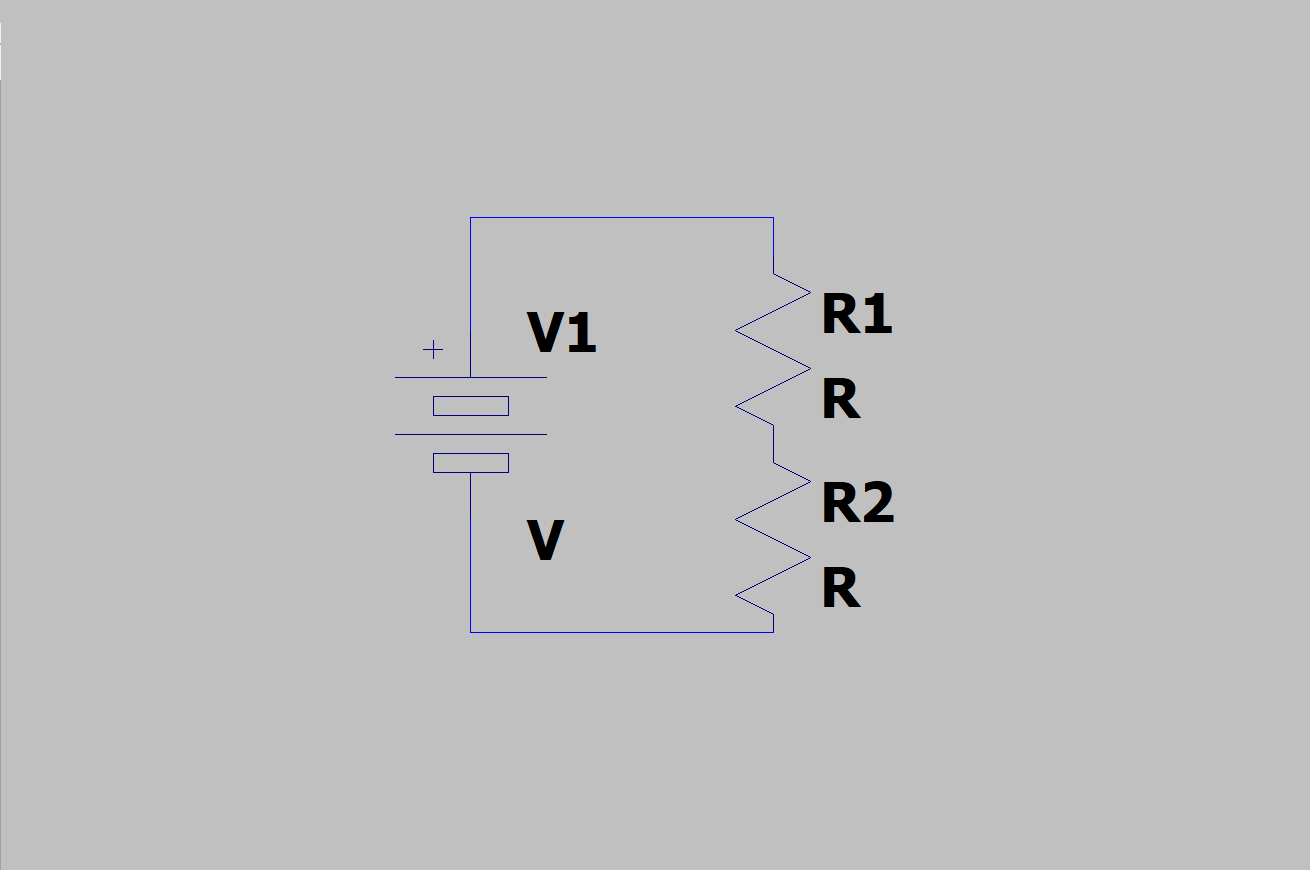
Resistance (IN OHMS)it will look like that:

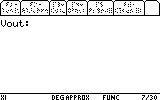
VOLTAGE DIVIDER:

This has no options,so that means,when you press F2

it will start to ask you some values.

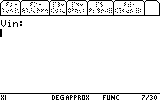
The program will calculate the resistance values shown in this scheme:



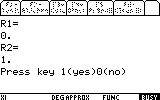


When the program asks you to input the

“out voltage”(IN VOLTS) it will look like this:

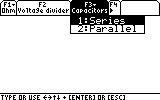
When the program asks you the “in voltage”(IN VOLTS)it will look like

this:

This is how the result will look like(when

The program asks you ”Press key 1

(yes)0(no) it means if you want to continue or not , this applies to every section):

CAPACITORS:

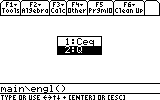
This section will calculate the equivalent(Ceq) capacitance for series and parallel capacitors and the charge(Q) for series and parallel capacitors.

The two sections in here are “Series”

and “Parralel”.

CAPACITORS:

When you press the “Parallel” button

it will show you that(that will

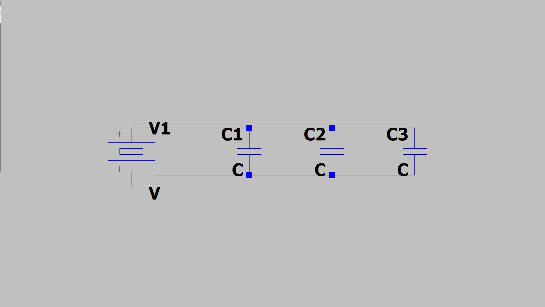
also show when you press

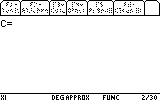
the “Series” button):

First button is named “Ceq” and it means equivalent capacitance,

When you press this button it will ask you this:

For example ,if you had 3 capacitors (in parallel)

like in this scheme:

 you would input 3.Then it will ask you this:

This means ,that the program will

ask you to input the capacity(IN FARADS) for

each capacitor,it will ask you this three times ,in this example.

After that it will show your result.

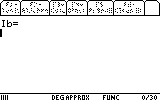
Same goes for series capacitors.

TRANSISTOR:

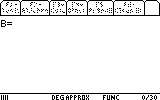
At transistors you only have one

option “BJT”(I will update this program

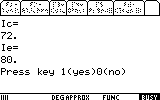
in the future).

This means,that the program will ask

you the base current (in AMPS).

This means that the program ,will

ask you how much is BETA.

In here it will show you the

emitter current and the collector

current (IN AMPS).

Well ,this is the end, again thank you for downloading this program!! ☺

To open the program write main\ele()