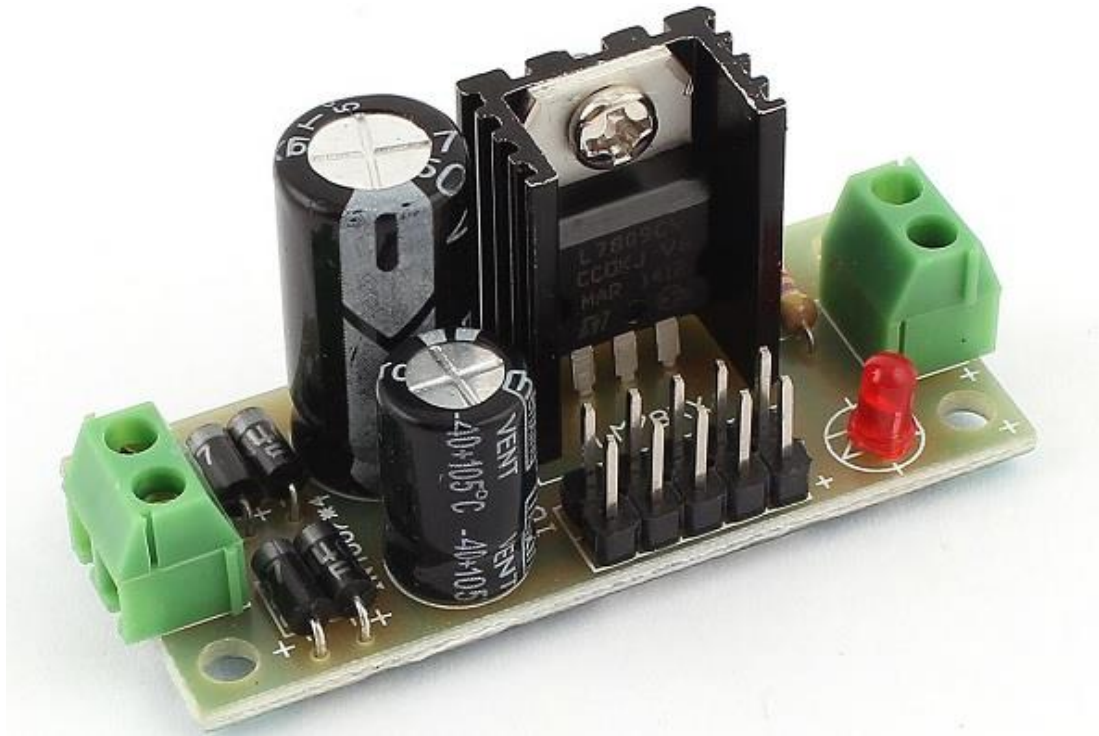
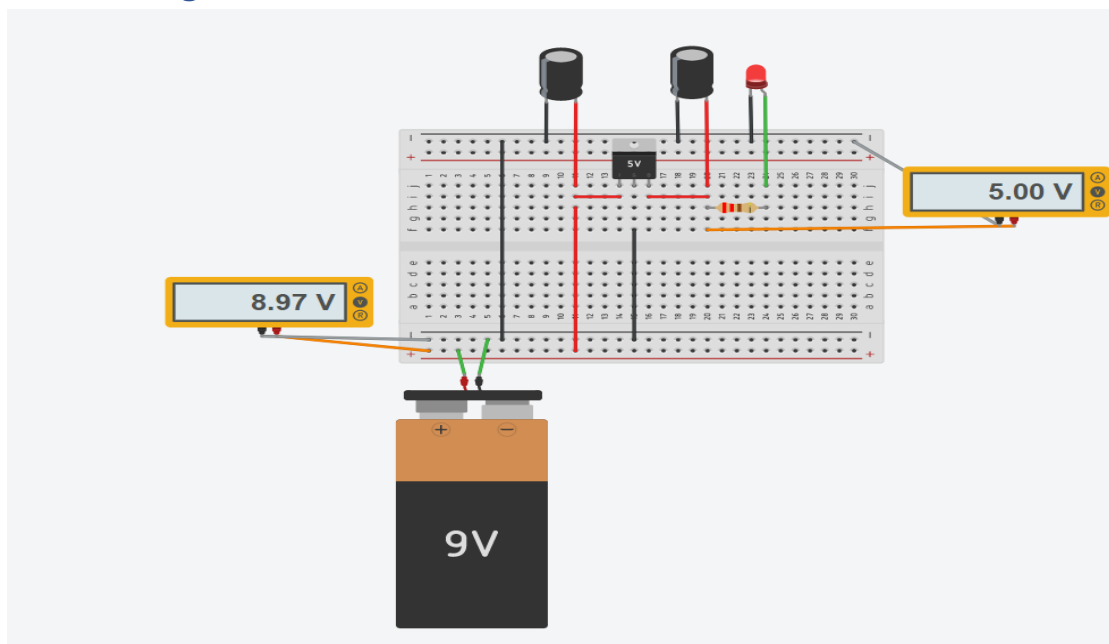


## About regulator circuit

is such a device that maintains constant output voltage, instead of any kind of fluctuations in the input voltage being applied or any variations in current, drawn by the load. The following image gives an idea of what a practical regulator looks like.



## Circuit diagram :



5 Volt regulator

Components :

Quantity	Component
1	220 $\Omega$ Resistor
1	Red LED
1	5V Regulator [LM7805]
2	10 $\mu$ F, 16 V Polarized Capacitor
1	9V Battery
2	Voltage Multimeter