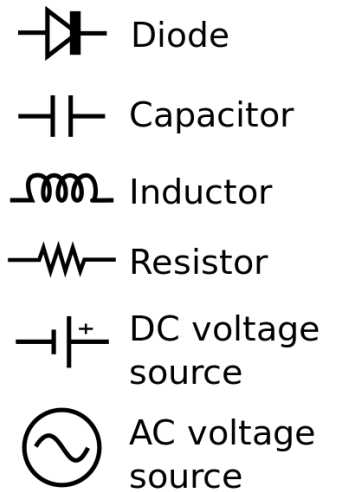


## Circuit building

Draw the circuit plan that has been described below.

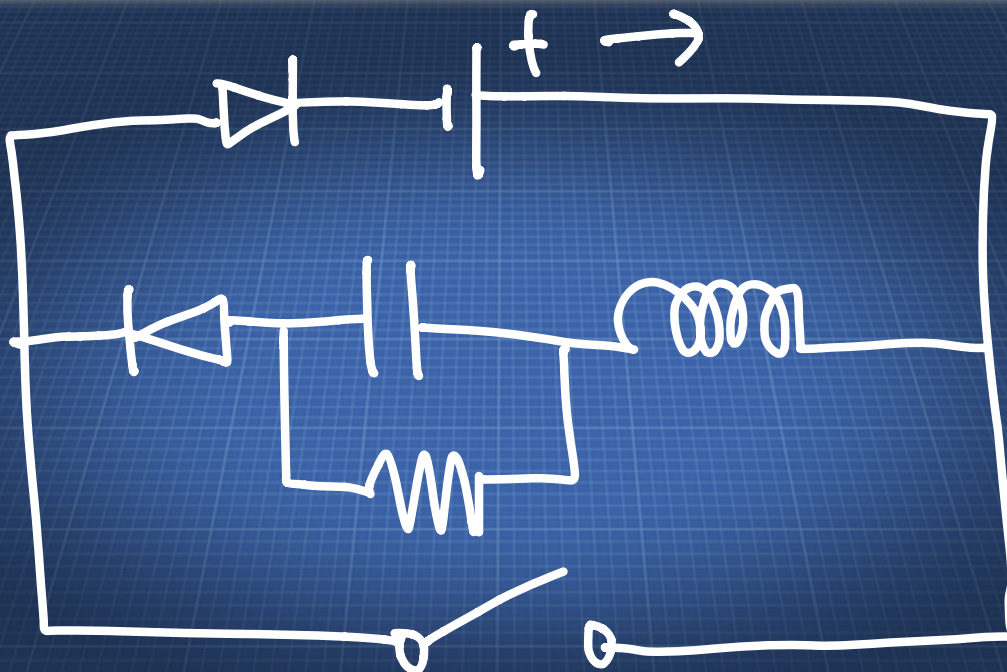


The circuit is made up of three loops.

The first loop contains the power source. It is a DC voltage source which has a diode connected to the negative terminal. After the diode there is a switch in the off position. The first loop is completed by connecting the other end of the switch to the positive side of the voltage source.

The second loop in the circuit connects to the first between the diode and the switch. After this connection there is an inductor connected followed by a capacitor. The second loop is connected to the first loop between the switch and the positive voltage source. In addition, before the connection to the first loop and after the capacitor there is a second diode connected to the circuit.

The final loop of the circuit is a resistor which is connected to the second loop between the inductor and capacitor as well as between the capacitor and the second diode. This completes the circuit design



~~\*~~ Answer

