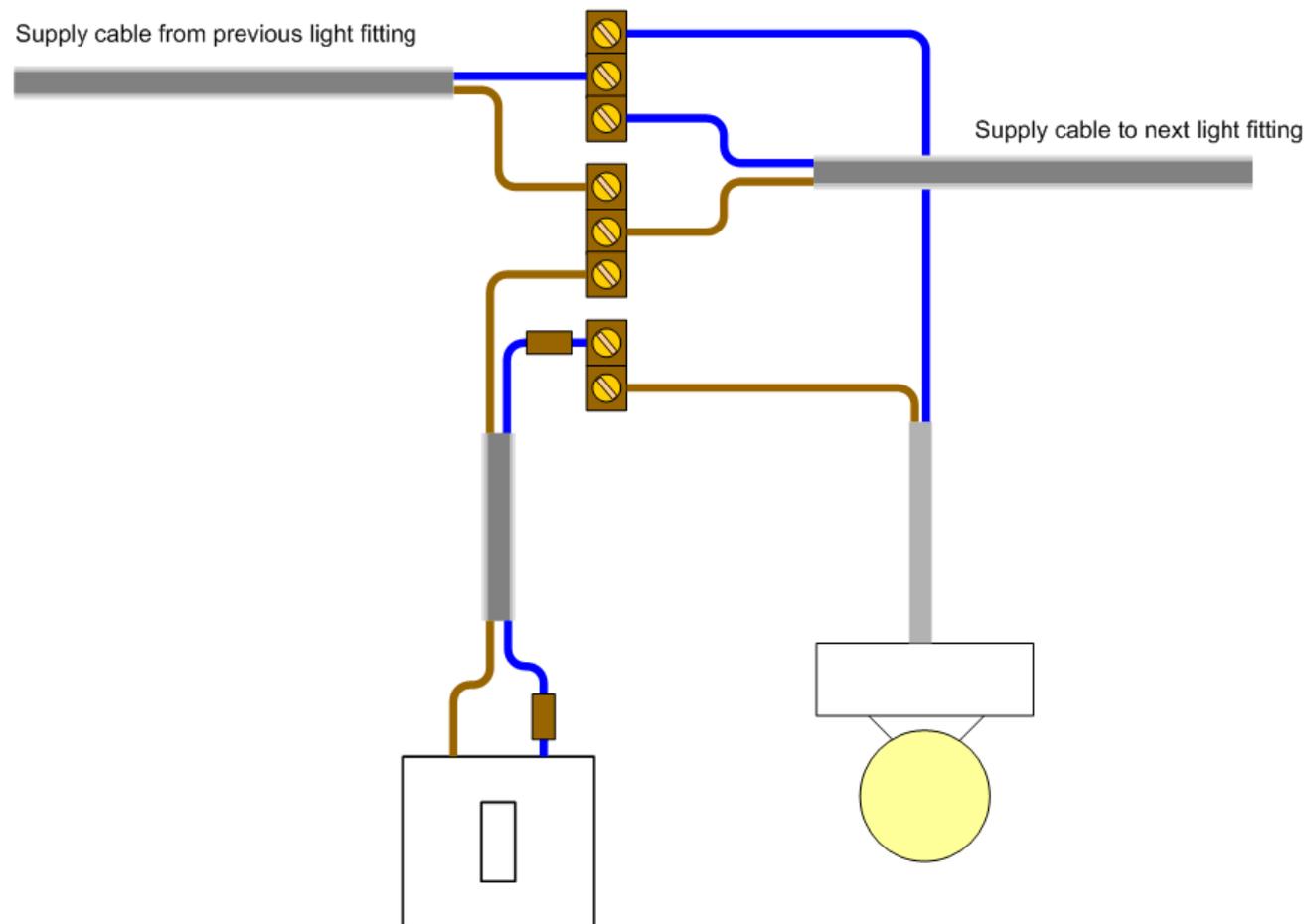




Which is a little easier to understand in schematic form:

Simplified "Loop In" wiring (earth omitted for clarity)



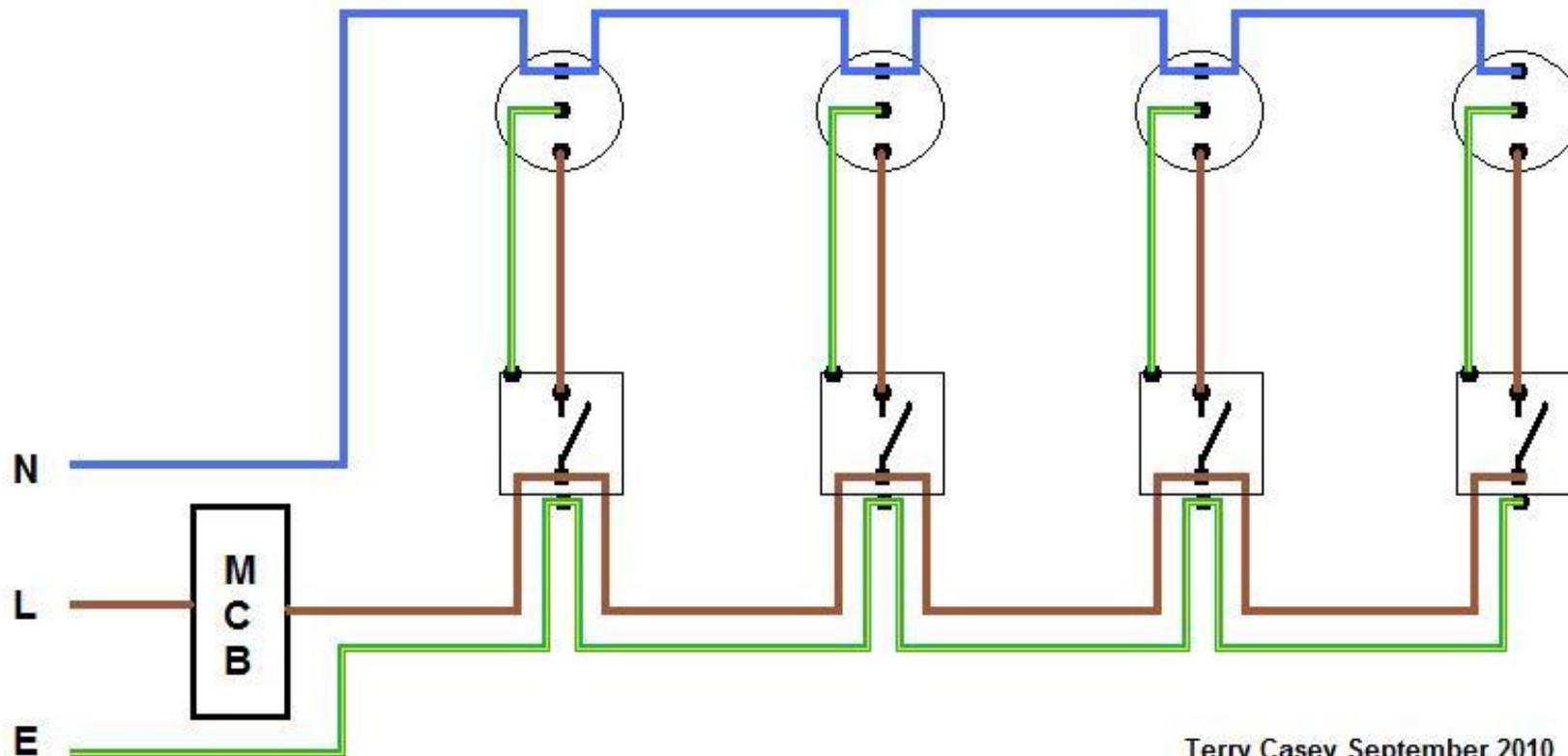
## Single & Earth

A less commonly met system of wiring lighting circuits.

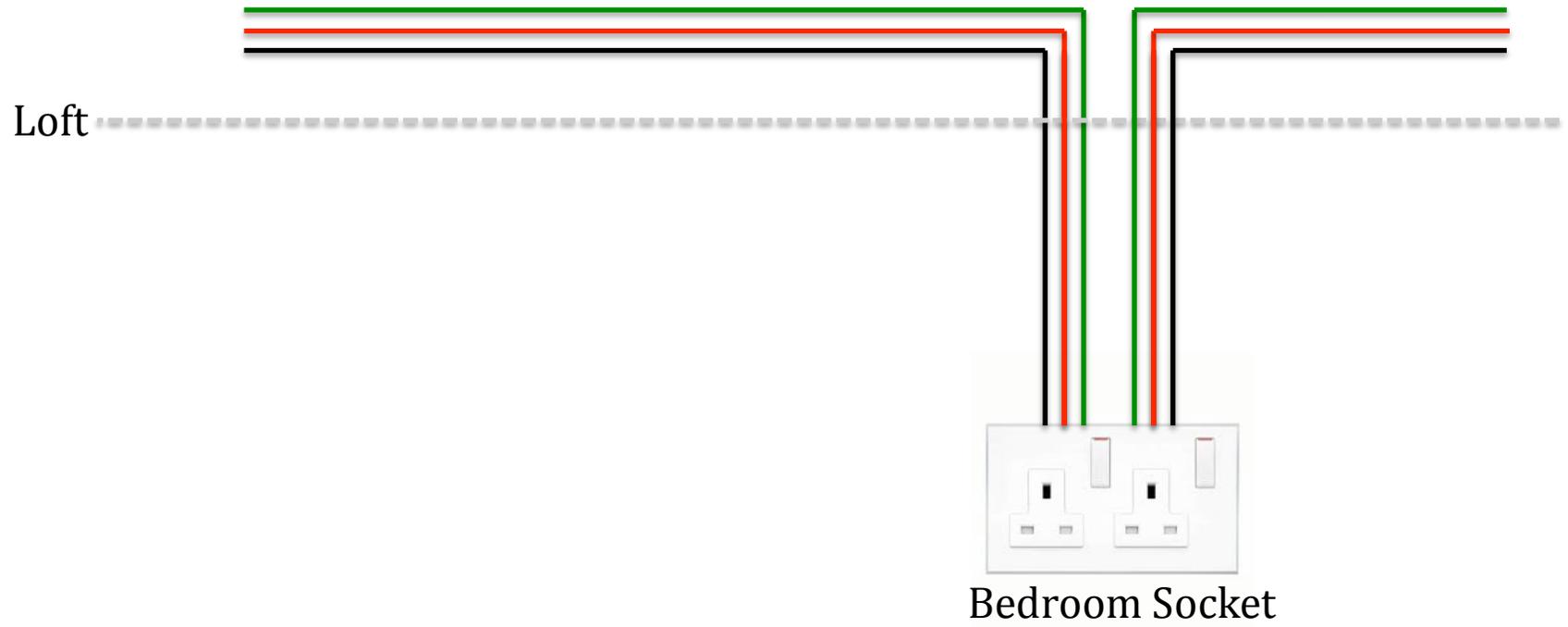
The permanent lives and switched lives of the circuit use the single core and earth cable (type 6241Y).

This run starts from the MCB and loops between the lightswitches to provide a permanent live and earth to the lightswitches. Another length of 6241Y is then used from the lightswitch to the light fitting to provide a switched live and earth at the light fitting.

The neutral cable is a double sheathed cable (6181Y with a blue inner sheath) that runs from the CU neutral busbar and from light fitting to light fitting (there will only be one neutral at the end of the circuit).

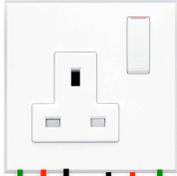


# Existing Wiring



# Modified Wiring

Loft Socket



Loft



Bedroom Socket