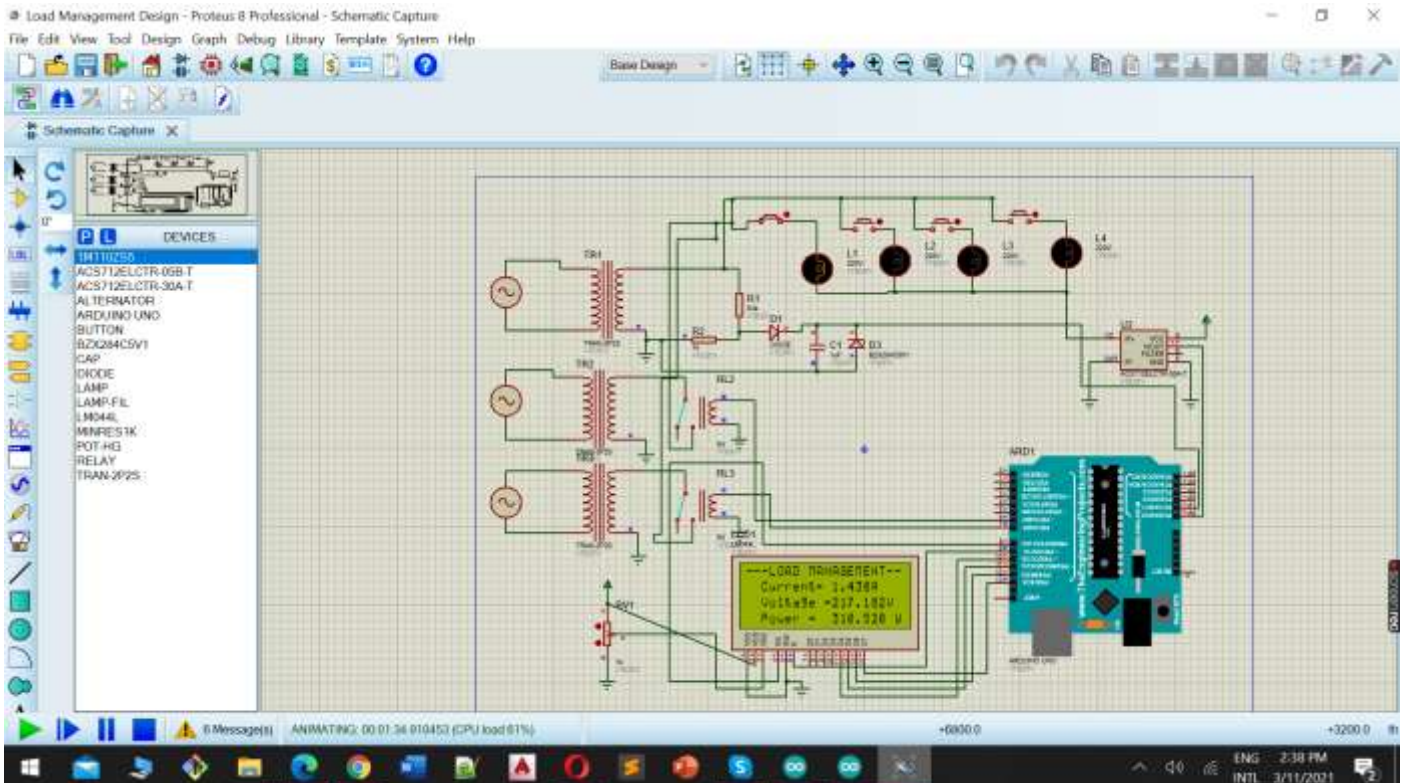
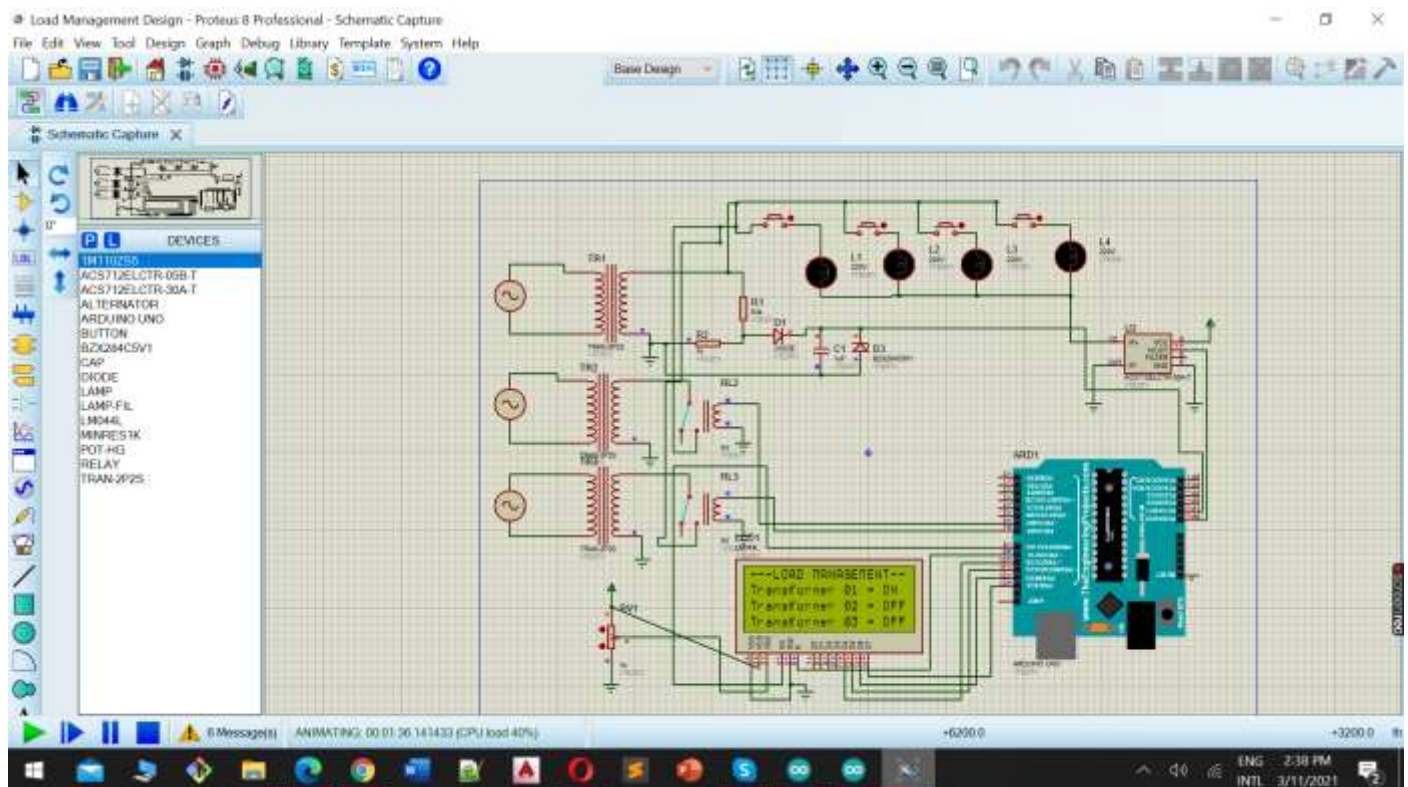


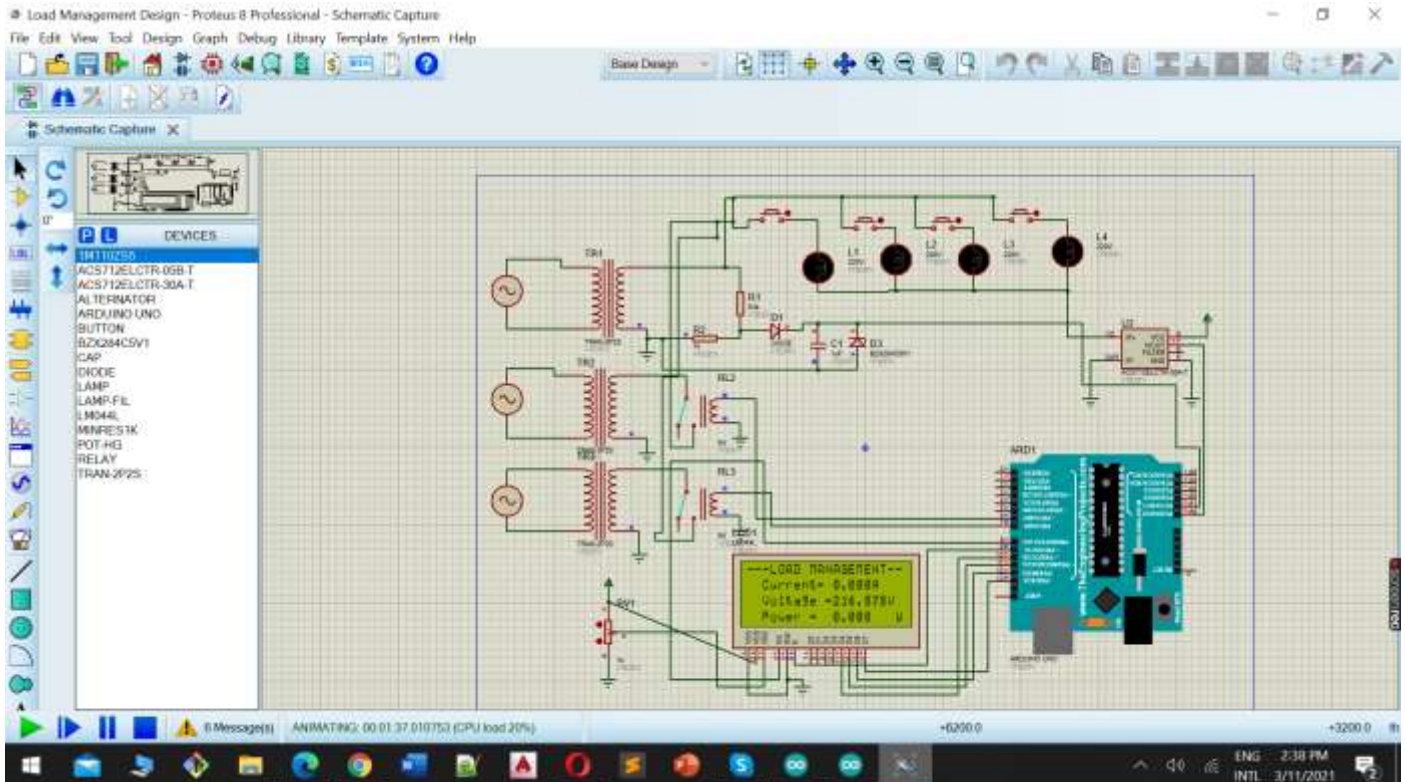
LOAD MANAGEMENT SYSTEM



Demostration:

Firstly, L1 which will remain open for the whole duration because of low current rating of this only lamp. It will not switch off until I will not .

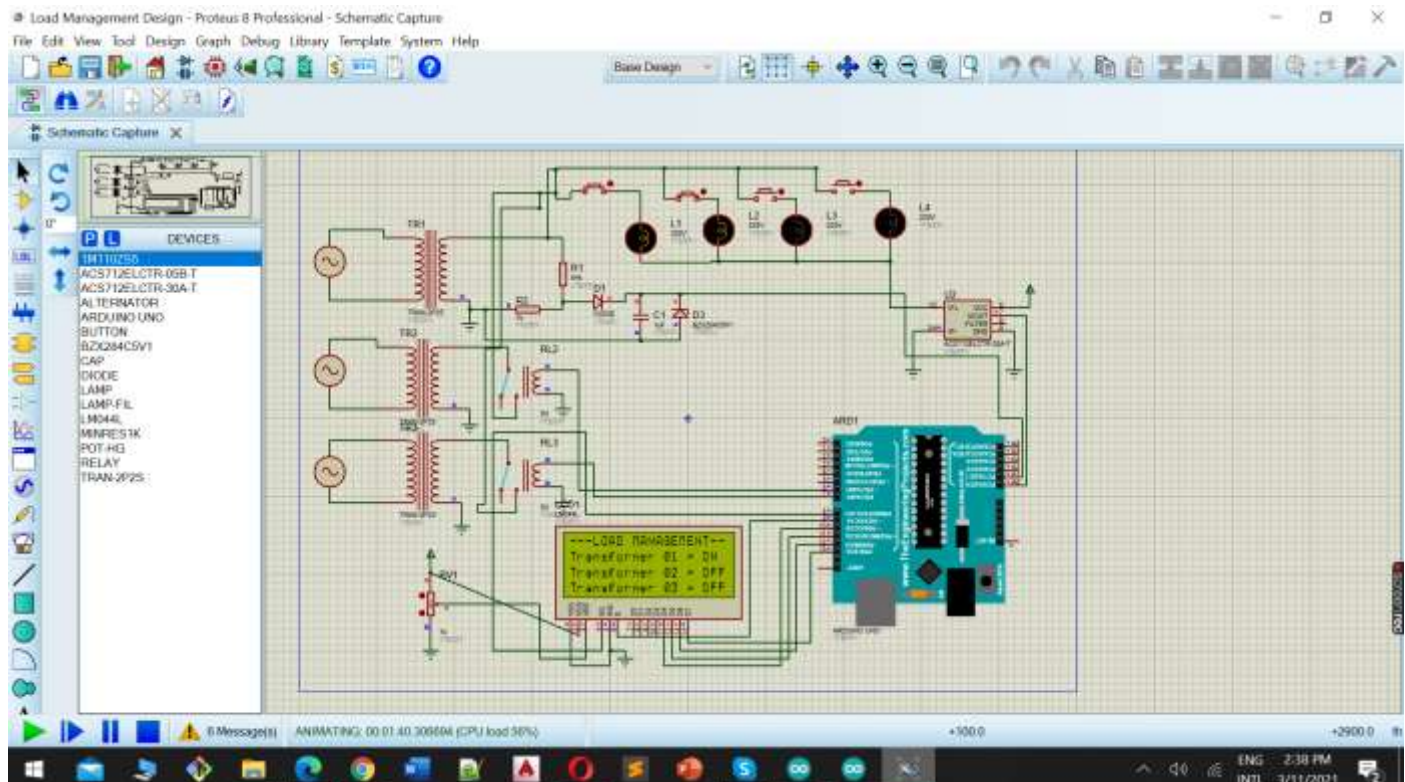


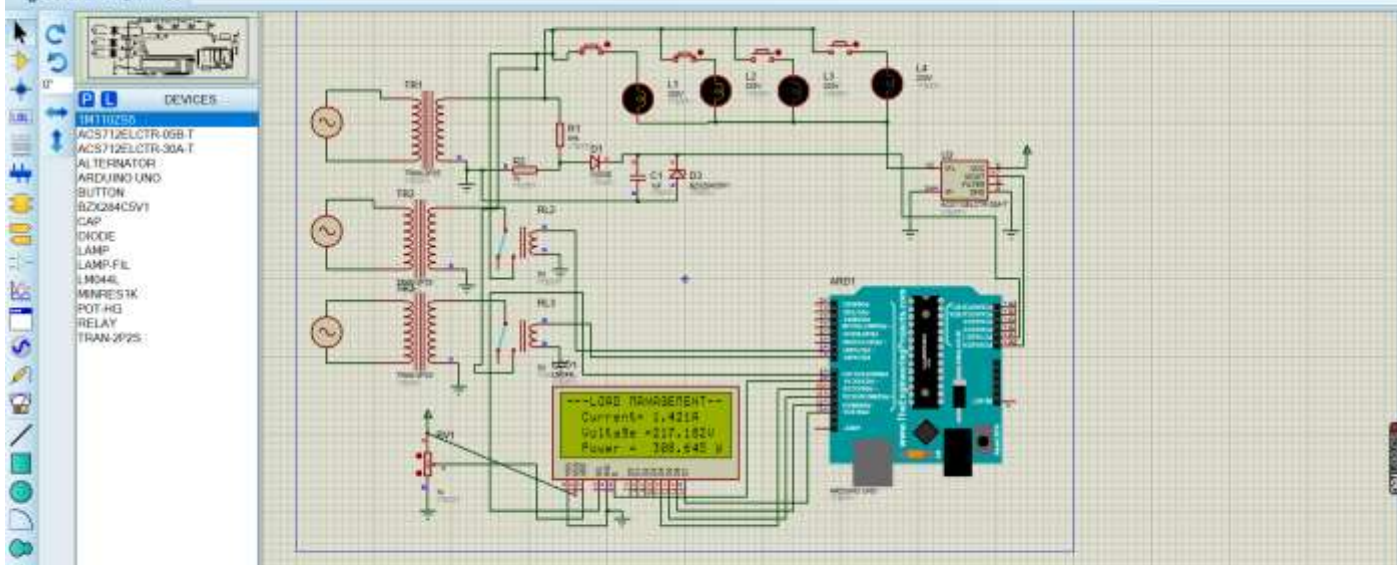


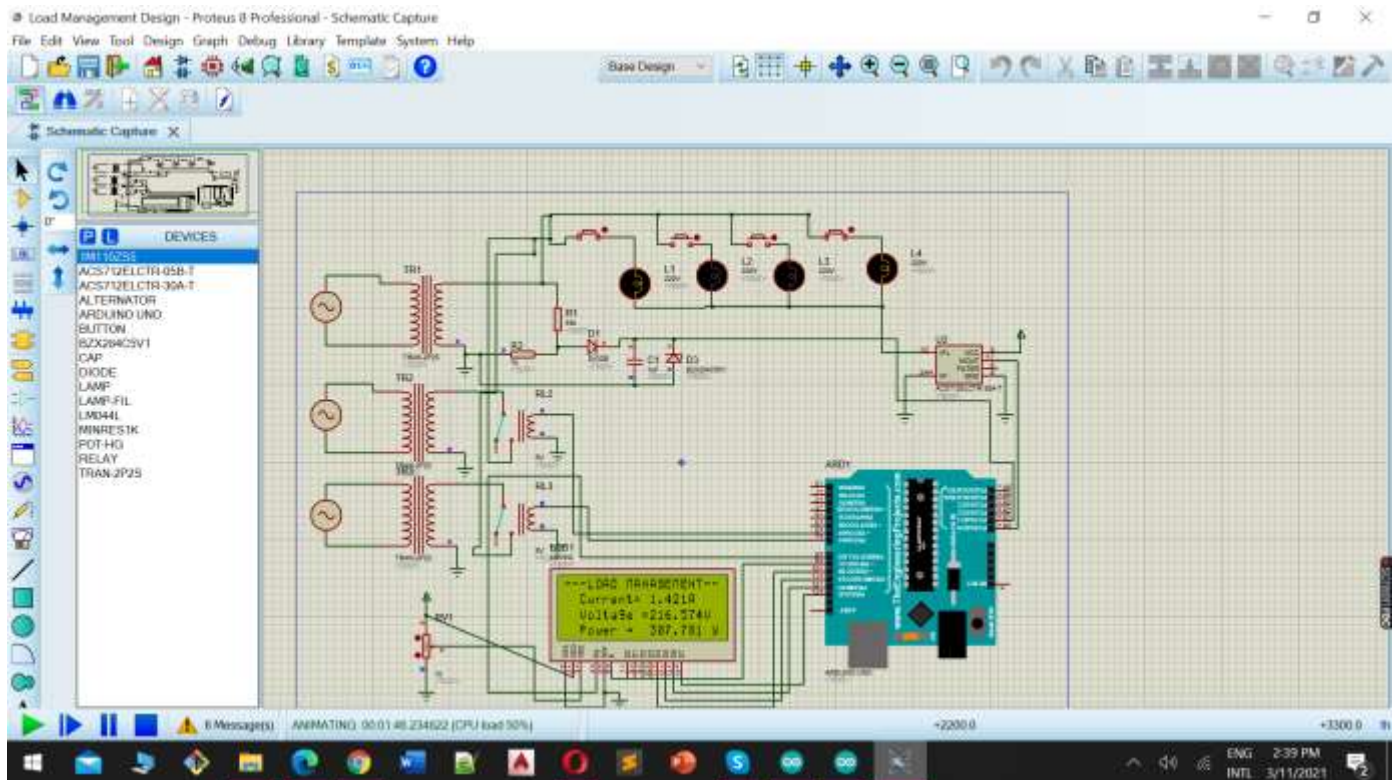
Then I switched off the lamp 1 there will be 0 current 0 voltage then there is no need of any relay to shut down or trip since all the devices are already off.

If current rating increases i.e; greater than the 6A then relay 1 would be High according to the code (or I should say relay 1 will trip and all other devices which are making current greater than 6A and are unnecessary will switched off.

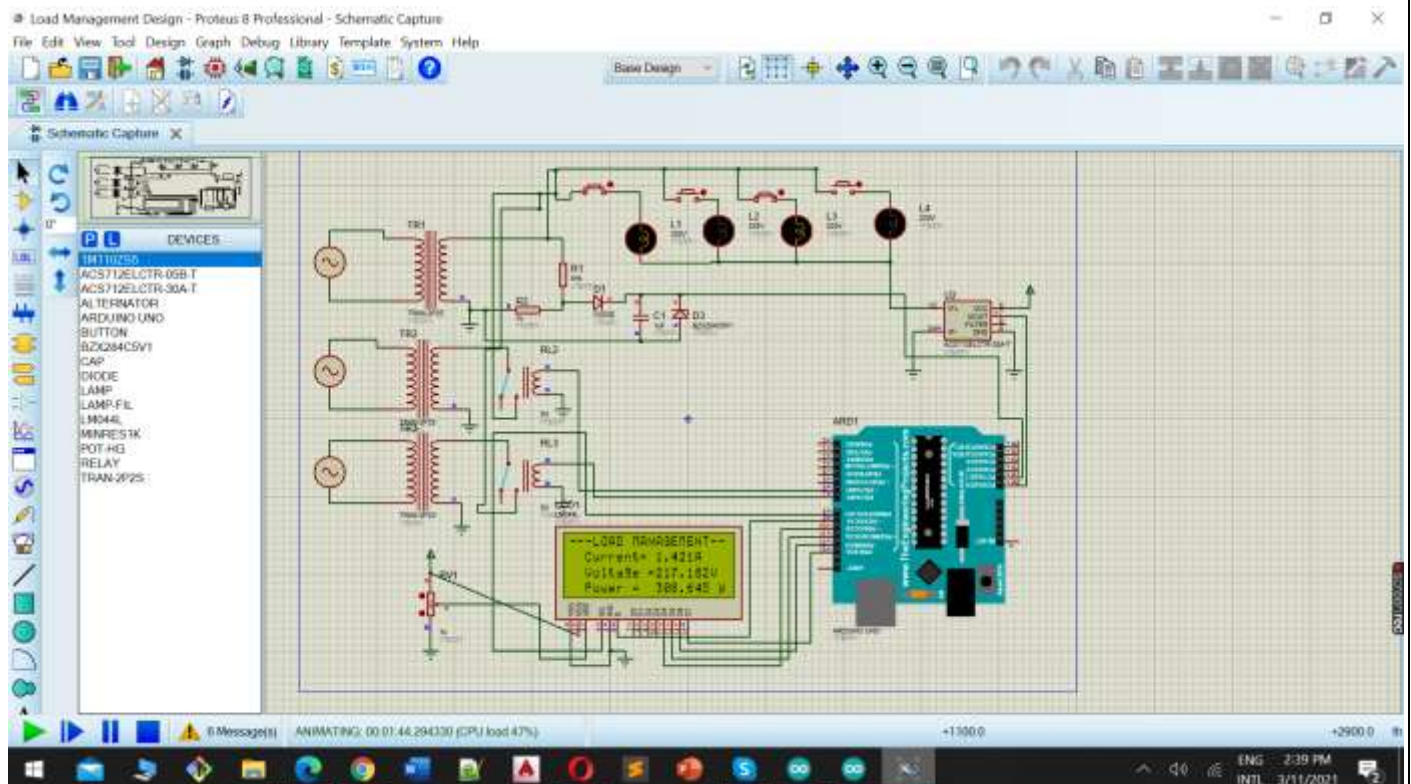
And suppose if the value of current increases greater than 12A then relay 2 will trip and all those devices connected with relay 2 will switch off until and unless current comes to its desired value.







Like in above two cases I have picture I have kept on L1 and L2 but as shown in the LCD display that current rating is still < 6 and < 12 too so relay1 and relay will remain low means will remain off and both the lamps will keep switched on until we want.



Similarly, here in above picture I have kept on L1 and L3 but as shown in the LCD display that current rating is still < 6 and < 12 too so relay1 and relay will remain low means will remain off and both the lamps will keep switched on until we want.