Exp**.1**

**Design an automatic night lighting system such the system is only activated when the master control switch is pressed. a) Below 50% value of full brightness led blinks with a freq. of 500 msec. b) Above 50% value of full brightness led blinks with a freq. of 100 msec**

Theory

concept used :

An automatic night lighting system as it’s name suggests turn on automatically at night.. but so as to match the conditions being given in the question our system will not work when the master control is switched off

Learning & observation : Light glows only when the master switch is turned on

Problems & troubleshooting : unknown trouble occurred … rewrite the code and check lower and upper cases

Precautions : care should be taken during connecting wires because one wrong connection may result in system failure

Learning: outcomes we can save a lot for the betterment of our future generations with the help of simple technology