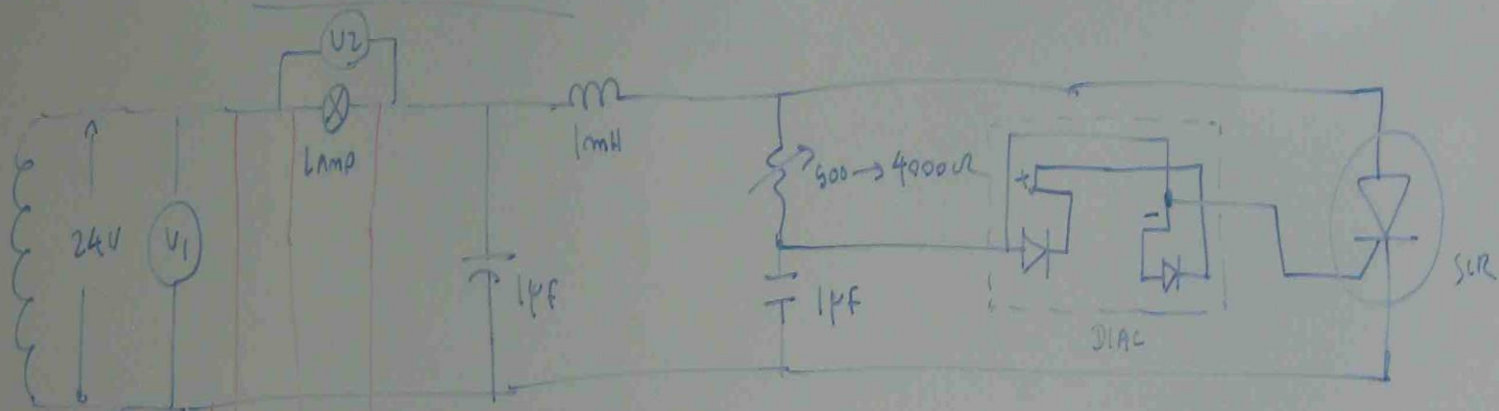


PRACTICAL

# SCR DRIVE SYSTEM



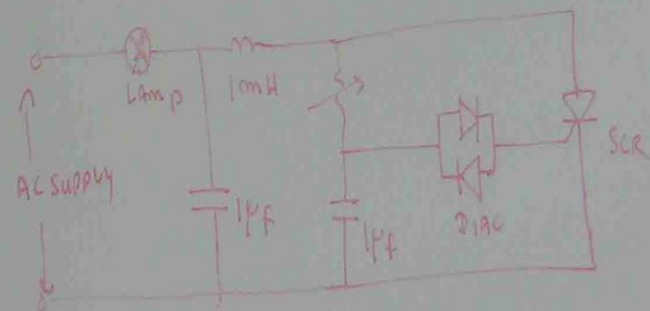
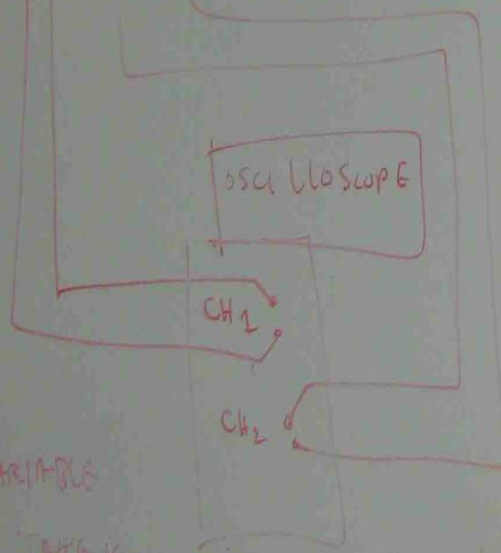
(1) CONNECT THE CIRCUIT

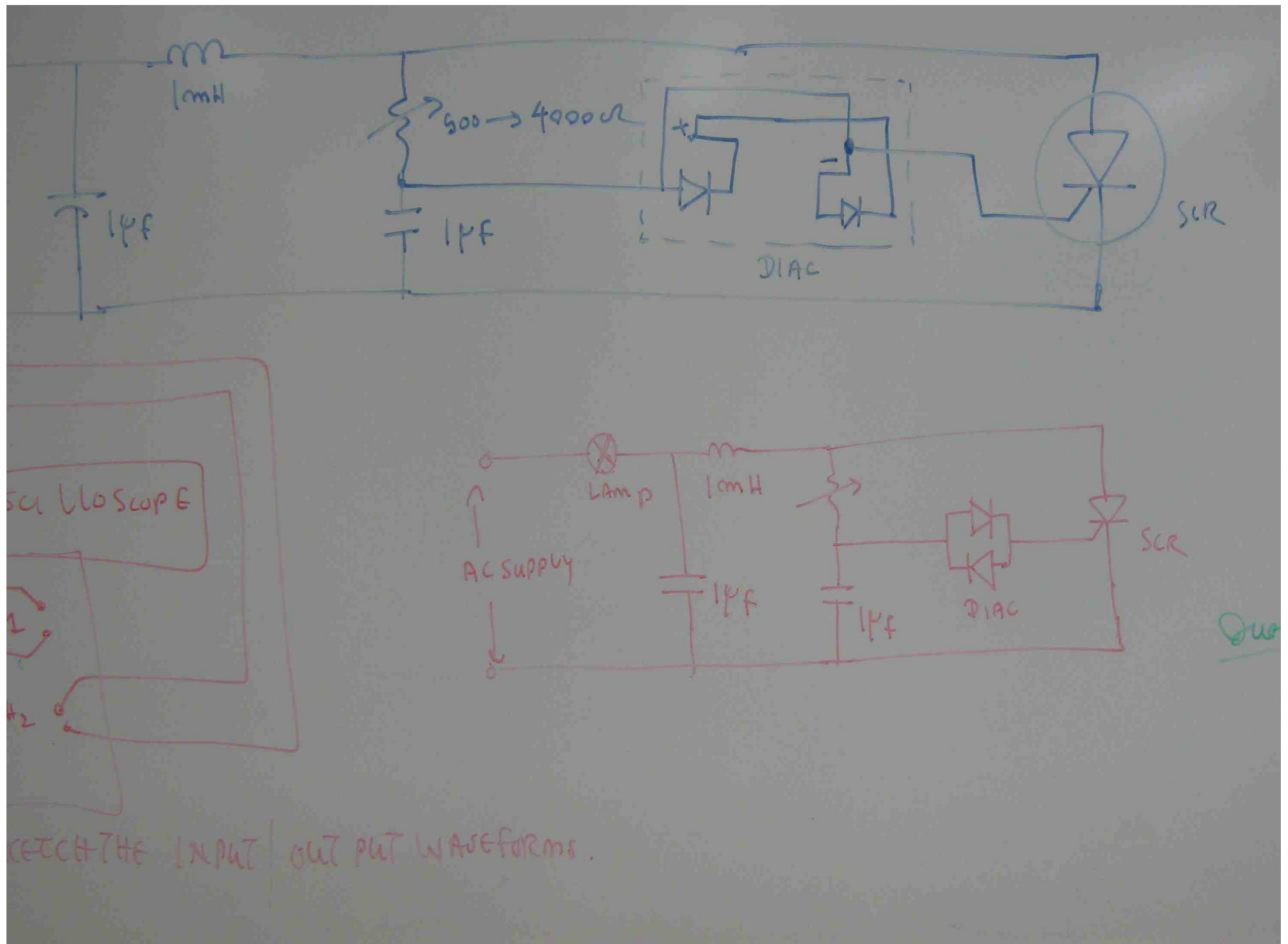
(2) TAKE READING OF  $V_1, V_2$

(3) OBSERVE LAMP

(4) CHANGE VARIABLES

RESISTANCE, TAKE  $V_1, V_2$ , SKETCH THE INPUT OUTPUT WAVEFORMS.





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VARIABLE RESISTANCE	$V_1$	$V_2$	LAMP DARK OR BRIGHT	SKETCH OF $V_2$ WAVE FORM
700 $\Omega$				
1700 $\Omega$				
2700 $\Omega$				
3700 $\Omega$				
4700 $\Omega$				

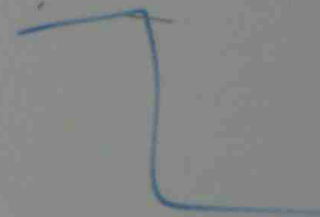
### Questions

WHAT IS CUT OFF POINT RESISTANCE FOR LAMP?

WHEN THE RESISTANCE IS REDUCED BACK, WHAT HAPPENS TO LAMP?

## HAND ON PRACTICAL WORK

- CONNECT THE GIVEN CIRCUIT
- SHOW IT TO TEACHER
- DISCONNECT THE CIRCUIT
- PUT EQUIPMENTS BACK



WORK

AT

