EE207 LOGIC DESIGN LABORATORY

Components and equipments that will be ensured by each group are given below. You can buy them from internet (Ex: www.direnc.net) and it's better if you may coordinate and buy them together as a whole class. (Cargo fee will be free in this case)

You should have acquired all the components before the first lab session

Name	Quantity	Definition
74LS00	2	2 Input NAND
74LS02	2	2 Input NOR
74LS04	2	Inverter
74LS08	2	2 Input AND
74LS10	2	3 Input NAND
74LS20	2	4 Input NAND
74LS32	2	2 Input OR
74LS86	2	2 Input XOR
74LS47	1	BCD-to-seven-segment decoder
74LS73	2	Dual JK Flip-Flop
74LS74	2	Dual *D* -type flip-flop
74LS83	1	Four-bit binary adder
74LS107	2	Dual JK Flip-Flop
74LS151	1	8 X 1 multiplexer
74LS155	1	3X8 decoder
	>50	Jumper Kablo (Male-Male)
	2	Seven-segment LED display
	>8	LED indicator lamps
	4	Toggle switches