

	No. of hosts	Total hosts	2^n	Subnet	Date:
LAB 1	7	10	$2^4 = 16$	$256 - 16 = 240$ $255.255.255.240$	Start = 192.168.10.0 DG = 192.168.10.1 End = 192.168.10.15 usable = [192.168.10.2 192.168.10.14]
LAB 2	10	13	$2^4 = 16$	$256 - 16 = 240$ $255.255.255.240$	Start = 192.168.10.16 DG = 192.168.10.17 End = 192.168.10.31 usable = [192.168.10.18 192.168.10.30]
LAB 3	6	9	$2^4 = 16$	$256 - 16 = 240$ $255.255.255.240$	Start = 192.168.10.32 DG = 192.168.10.33 End = 192.168.10.47 usable = [192.168.10.34 192.168.10.46]
LAB 4	8	11	$2^4 = 16$	$256 - 16 = 240$ $255.255.255.240$	Start = 192.168.10.48 DG = 192.168.10.49 End = 192.168.10.63 usable = [192.168.10.50 192.168.10.62]
Faculty	9	12	$2^4 = 16$	$256 - 16 = 240$ $255.255.255.240$	Start = 192.168.10.64 DG = 192.168.10.65 End = 192.168.10.79 usable = [192.168.10.66 192.168.10.78]
Staff	12	15	$2^4 = 16$	$256 - 16 = 240$ $255.255.255.240$	Start = 192.168.10.80 DG = 192.168.10.81 End = 192.168.10.95 usable = [192.168.10.82 192.168.10.94]