In addition to the below given problem, kindly Chapters 4–6 in the lecture notes. Referenced problems can also be found there. In the lecture only marked problems will be discussed; for solutions to the other problems please contact Georg Moser.

16)	Problem 4.4.	(*)
17)	Problem 5.1	
18)	Problem 5.2	
19)	Problem 5.3	(*)
20)	Show that (i) a satisfiable extension of a complete theory is conservative and (ii) that a conservative extension of a satisfiable theory is satisfiable.	(*)