Lab 07: *Submit the final pdf report and source code before the due date.*

1. Implement the backtracking algorithm for solving the eight queen problem. (Require to print a solution).
2. Write the algorithm for solving the assignment problem by using branch and bound strategy.

   The assignment problem: A company has 4 machines available for assignment to 4 tasks. Any machine can be assignedto any task, and each task requires processing by one machine. The time required to set upeach machine for the processing of each task is given in the table below.

	TIME (Hours)			
	Task 1	Task 2	Task 3	Task 4
Machine 1	13	4	7	6
Machine 2	1	11	5	4
Machine 3	6	7	2	8
Machine 4	1	3	5	9

   The company wants to minimize the total setup time needed for the processing of all fourtasks