Check list for the OR2 thesis (2022-2023)

Check	Торіс	Points
	Setting up the C project with TSPLIB parser and solution check & plot	
	Greedy heuristic with GRASP	
	Extra-mileage heuristic	1pt
	2-OPT refining heuristic	
	Metaheuristics: Tabu Search	
	Metaheuristics: VNS	
	Simulated Annealing	1pt
	Genetic Algorithm	1pt
	Basic TSP model in CPLEX (without SECs)	
	Benders' "loop" method with SEC separation for integer sol.s	
	Patching heuristic	1pt
	Branch-and-Cut implementation in CPLEX through callbacks	
	Posting heuristic sol.s and adding user cuts for fractional sol.s	1pt
	Matheuristics: hard fixing	
	Matheuristics: local branching	
	Extensive use of performance profile plots for algorithm comparision	1pt
	Writing stile	1pt

* Max. score is 31 pt.s ---- means mandatory