Grading summary

S1

1p – by default

2p – use of PROLOG

a) **2p** – for your own example and its representation in FOL
b) **1p** – for CNF and application of the Resolution to prove the logical entailment
c) **1p** – correct implementation, run on your example and others and oral explanations of the code
d) **3p** – correct implementation (version from Brachman&Levesque), optimizations for Resolution (1p for clause elimination C5 p.6), reading the KBs from file, run on different examples and oral explanations of the code
(at c) and d) you get 0p if you are not able to explain the code – no explanatory comments are allowed in your code)

S2

1p – by default

2p – use of PROLOG

1p writing the solution as required – in case of YES {a/true;b/false…}
2p two strategies to select the atom for the • operation and discuss/compare the results
4p – correct implementation (version from Brachman&Levesque), reading the KBs from file, run on different examples and oral explanations of the code (you get 0p if you are not able to explain the code – no explanatory comments are allowed in your code)

The grade of the project will be 60%S1+40%S2

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