

# Knowledge Representation Laboratory 5: Games and Probability

CITS3005

This laboratory will involve setting up ProbLog2 on your system and working through the basic tutorial.

1. Install ProbLog2. This can be done using pip: `pip install problog`, or by following the instructions at <https://github.com/ML-KULEuven/problog>.
2. Scan the basic instructions for using ProbLog as a standalone tool at <https://problog.readthedocs.io/en/latest/cli.html>. This will help you to run through the tutorial below on your own computer.
3. Work through the Basic Inference section of the ProbLog tutorial at <https://dtai.cs.kuleuven.be/problog/tutorial.html>.
4. Use problog to adapt the tic-tac-toe game from the previous lab, so that the computer agent uses a random strategy.