**Execution steps for problog**

1. Store all the facts, rules and queries in a .txt file and give its path in JDatalog.java’s startup\_seminaive method and Naïve\_Jdatalog.java’s startup\_naive method.
2. Run the DriverClass.java file to start the program execution.
3. Input 1 for Naïve Execution and 2 for Semi-Naïve.
4. The output is generated in the Output.txt file.

sameclique(7, 7):1.0

sameclique(7, 8):1.0

sameclique(8, 7):1.0

sameclique(8, 8):1.0

sameclique(7, 9):1.0

sameclique(9, 7):1.0

sameclique(4, 5):1.0

sameclique(5, 4):1.0

sameclique(5, 5):1.0

sameclique(8, 9):1.0

sameclique(9, 8):1.0

sameclique(9, 9):1.0

sameclique(0, 0):1.0

sameclique(2, 3):1.0

sameclique(5, 0):1.0

sameclique(4, 1):1.0

sameclique(3, 2):1.0

sameclique(1, 4):1.0

sameclique(0, 5):1.0

sameclique(4, 2):1.0

sameclique(3, 3):1.0

sameclique(2, 4):1.0

sameclique(5, 1):1.0

sameclique(1, 5):1.0

sameclique(3, 4):1.0

sameclique(4, 3):1.0

sameclique(2, 5):1.0

sameclique(5, 2):1.0

sameclique(4, 4):1.0

sameclique(3, 5):1.0

sameclique(5, 3):1.0

sameclique(0, 1):1.0

sameclique(1, 0):1.0

sameclique(2, 0):1.0

sameclique(1, 1):1.0

sameclique(0, 2):1.0

sameclique(1, 2):1.0

sameclique(3, 0):1.0

sameclique(2, 1):1.0

sameclique(0, 3):1.0

sameclique(4, 0):1.0

sameclique(3, 1):1.0

sameclique(2, 2):1.0

sameclique(1, 3):1.0

sameclique(0, 4):1.0

sameclique(10, 7):1.0

sameclique(7, 10):1.0

sameclique(8, 10):1.0

sameclique(10, 8):1.0

sameclique(9, 10):1.0

sameclique(10, 9):1.0

1. sameclique(10, 10):1.0