EXPERIMENT 3

Postlab

- 1. What is the time complexity of the Water Jug problem?
- 2. Why is DFS not used for solving a water jug problem?

Name: Namrata. G. Joshi ROLL NO: 9545 TE COMPS A WHAD EXPT-3 (1) What is time complexity of Water Jug Problem.
The time complexity of water jug problem using BFS or DFS is approximately 0 (mxn) where m and n are capacities of two jugs (2) Why is pres not used for solving a paterjug problem? DPS is not typically used for solving water jag problem because it may get stuck in deep branches without finding a solution governot solution may extanct memory if search space i's longer