Vis 3 the solution path should be: (a8 a7 a5) reverses · So we SIMPIN will apply the Ofs losse & Encident the actions if the return was true. 187

Uts with solution Algerialmi (problem, in It ial state) 3. Frontier = deque (1 No need 1. 1 F (problem. is-god (inited state)) 1. return [] 4. explored = map which contains the privious visitet notes 2. Path = None 5. In Queue, map which a a nodes in 59 de the Queue. 6. Path = dfs (explored, in anene, problem, fritials Fate) 7. resum Path reveres OFS (Problem, in state, gray, black) Pach) 1. if (gray (state) or black (state)) 1. return Hone Palse & actions = problem - get_actions (state) 1. new T. state = problem. get-sicresse (state actus) 3. for action in actions Her 2. goal found = Ofs (Problem, next state, gray black) 1. Pash-append (action) (8/8 7. if good found 1. relin True July Solution Sound 1/8/23 (4)
4. return False blis solution Sound 1/8/23 (4)