Keys and Rooms (Lectrode 841) How can we identify the question is of graph? List List Chatatype>> Syntan away rooms roomstil set of keys you can obtain it you visited i. return true if you can visit all the rooms, or false otherwise. Approach: Recursively visitedly each node of graph using DFS. More than one room can contain keys of the same room, so to avoid multiple visits to the same room, we will store the answer. Pseudowde: , Using boolean anay to check Y/N. if any of the element of boolean any is false, it we answer will be false. -> Creating a private function off. ofs (keys in Room, rooms, visited) · first room with zero inden will be already visited so, -> df3 enter into a room starting with oth room f · Collect keys to that room · check if sooms for which are got the keys are already withted or not if not visit it using dfs. public boolean coinvisit All Rooms (List < List < Integer >> 200ms) { boolean visited [] = new boolean [rooms. size()]; Code: dfs (rooms, get(a), 0, nooms, visited); for (int i=0; i < visited length; itt) of (!nsited[i]) if any of the rooms is not nitted return false return false; return true; - final return stetement. private void offe (List (Integer > Keys Inkom, but room, List (List (Integer)) boolean[] usited) visited [room] = the; abriously the room that are one doing off on is aheady visited. for CIntegu i: Key In Room X if (!nsited[i]) als (rooms get(i), i, nooms, visited),