Date 18 /10/24 LAB-3 Q 8-Puzzle game Algorited there be a lest controlling the BESE What state if targe is empty schoon fallure (2) (00 Node & serrove - 1838+ (13mge) then return the path from 929 Mal Stale of Note in a goal elve generate on successors of Mode and add generated vodes to the back of songe (an levels). End LOOP Algo: Let fornge be a sixt containing the -> OFS:if flage in entry schoon failure LOOP Node < serone - 1524 (frage) lege is short fi then between the post from griffal state to Node and add generated nodes to me for of folinge - to the and (comprese palm) 2001 Sugar

Date 18/10/24
Page 6 a valum cleanex A190: 1) Instialize the agents starting (xxx) (2) Loop unil all coll are dean: (a) perione me morent con (W st and can in disty: (i) clean the current cell short la (c) fise: (3) their sussonding coll cupidown oeft, sight) to see it any are disty. the (10) move to me new disty call (using a stoodegy son or RFS. OFS 08 sandon movement) (d) If no disty relle are perceived, imp 3) Fnd. tate