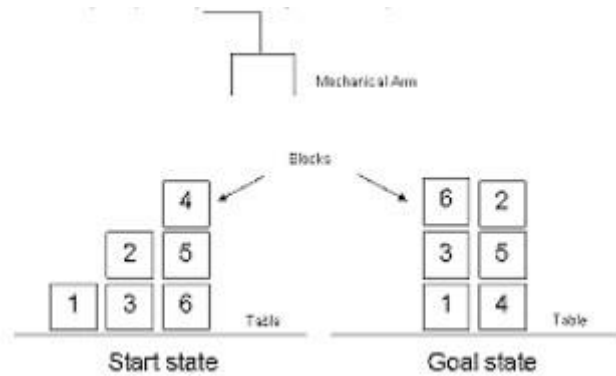Tugas Prak KECERDASAN BUATAN
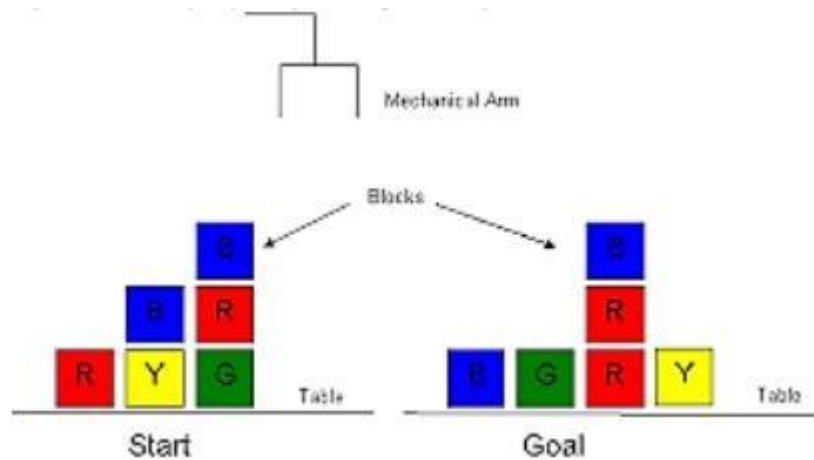
Nama: Gumilar Ichsanulhaq

NIM: 2106028
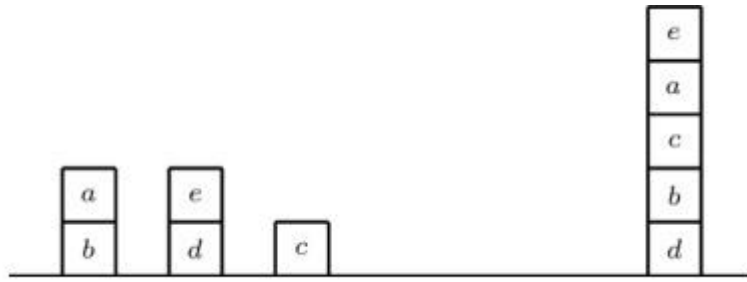

1. **Initial State** — ON(2,3) ∧ ON(5,6) ∧ ON(4,5) ∧ ONTABLE(1) ∧ ONTABLE(3) ∧ ONTABLE(6) ∧
   CLEAR(1) ∧ CLEAR(2) ∧ CLEAR(4) ∧ ARMEMPTY

   Goal State — ON(3,1) ∧ ON(6,3) ∧ ON(5,4) ∧ON$(2,5)$ ∧ONTABLE(1) ∧ ONTABLE(4) ∧ CLEAR(6) ∧ CLEAR(2) ∧ ARMEMPTY

2. **Initial State** — ON(B,Y) ∧ ON(R,G) ∧ ON(B,R) ∧ ONTABLE(R) ∧ ONTABLE(Y) ∧ ONTABLE(G) ∧ CLEAR(R) ∧ CLEAR(B) ∧ CLEAR(B) ∧ ARMEMPTY
   Goal State — ON(R,R) ∧ ON(B,R) ∧ ONTABLE(B) ∧ ONTABLE(G) ∧ ONTABLE(R) ∧ ONTABLE(Y) ∧ CLEAR(B) ∧ CLEAR(G) ∧ CLEAR(B) ∧ CLEAR(Y) ∧ ARMEMPTY

3. **Initial State** — ON(a,b) ∧ ON(e,d) ∧ ONTABLE(b) ∧ ONTABLE(d) ∧ ONTABLE(c) ∧ CLEAR(a) ∧
CLEAR(e) ∧ CLEAR(c) ∧ ARMEMPTY

Goal State — ON(b,d) ∧ ON(c,b) ∧ ON(a,c) ∧ ON(e,a) ∧ ONTABLE(d) ∧ CLEAR(e) ∧

ARMEMPTY