

## Praktikum Kecerdasan Bauatan

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### Tugas 05-1A

**a. Inisial state**

$\text{ON}(3,2) \wedge \text{ON}(6,5) \wedge \text{ON}(5,4) \wedge \text{ONTABLE}(1) \wedge \text{ONTABLE}(3) \wedge$   
 $\text{ONTABLE}(6) \wedge \text{CLEAR}(1) \wedge \text{CLEAR}(2) \wedge \text{CLEAR}(4) \wedge \text{ARMEMPTY}$

**b. Goal state**

$\text{ON}(3,1) \wedge \text{ON}(6,3) \wedge \text{ON}(4,5) \wedge \text{ON}(2,5) \wedge \text{ONTABLE}(1) \wedge \text{ONTABLE}(4)$   
 $\wedge \text{CLEAR}(6) \wedge \text{CLEAR}(2) \wedge \text{ARMEMPTY}$

### Tugas 05-1B

**a. Start Inisial**  $\neg \text{ON}(B,Y) \wedge \text{ON}(R,G) \wedge \text{ON}(B,R) \wedge \text{ONTABLE}(R) \wedge$   
 $\text{ONTABLE}(Y) \wedge \text{ONTABLE}(G) \wedge \text{CLEAR}(R) \wedge \text{CLEAR}(B) \wedge \text{CLEAR}(B)$   
 $\wedge \text{ARMEMPTY}$

**b. Start Goal**  $\neg \text{ON}(R,R) \wedge \text{ON}(B,R) \wedge \text{ONTABLE}(B) \wedge \text{ONTABLE}(G) \wedge$   
 $\text{ONTABLE}(R) \wedge \text{ONTABLE}(Y) \wedge \text{CLEAR}(B) \wedge \text{CLEAR}(G) \wedge \text{CLEAR}(B)$   
 $\wedge \text{CLEAR}(Y) \wedge \text{ARMEMPTY}$

### Tugas 05-1C

**a. Start State**  $\neg \text{ON}(a,b) \wedge \text{ON}(e,d) \wedge \text{ONTABLE}(c) \wedge \text{ONTABLE}(b) \wedge$   
 $\text{ONTABLE}(d) \wedge \text{CLEAR}(a) \wedge \text{CLEAR}(e) \wedge \text{CLEAR}(c) \wedge \text{ARMEMPTY}$

**b. Goal State**  $\neg \text{ON}(b,d) \wedge \text{ON}(c,b) \wedge \text{ON}(a,c) \wedge \text{ON}(e,a) \wedge \text{ONTABLE}(d) \wedge$   
 $\text{CLEAR}(e) \wedge \text{ARMEMPTY}$