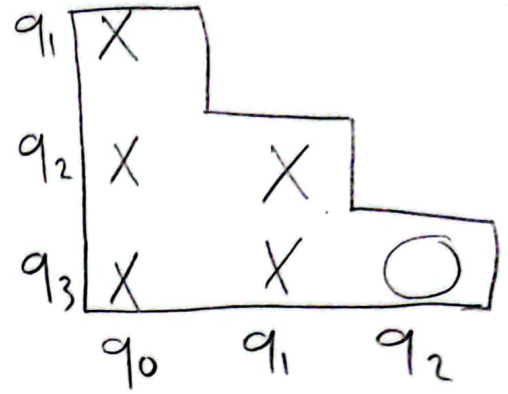
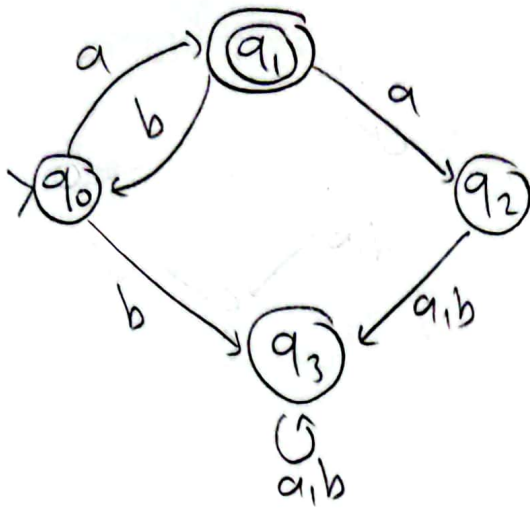


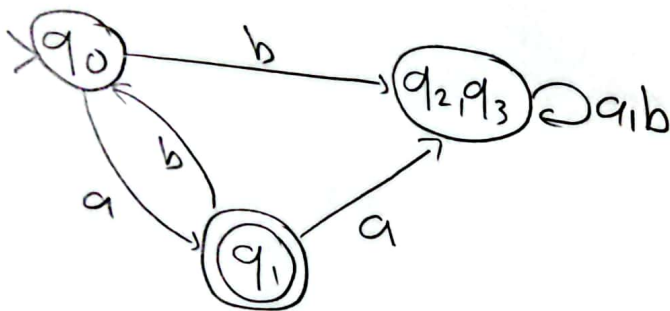
2.5.3

2.1.2

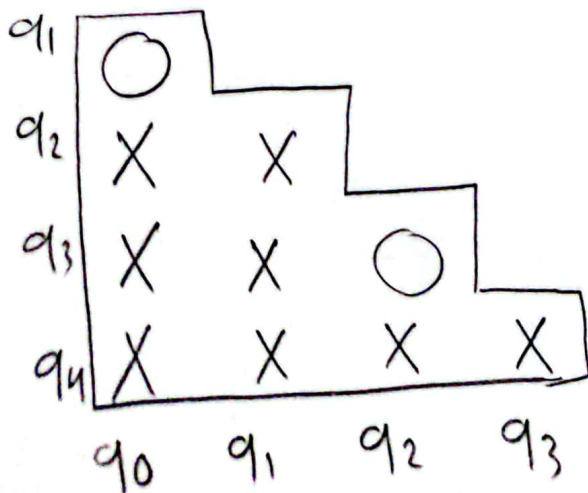
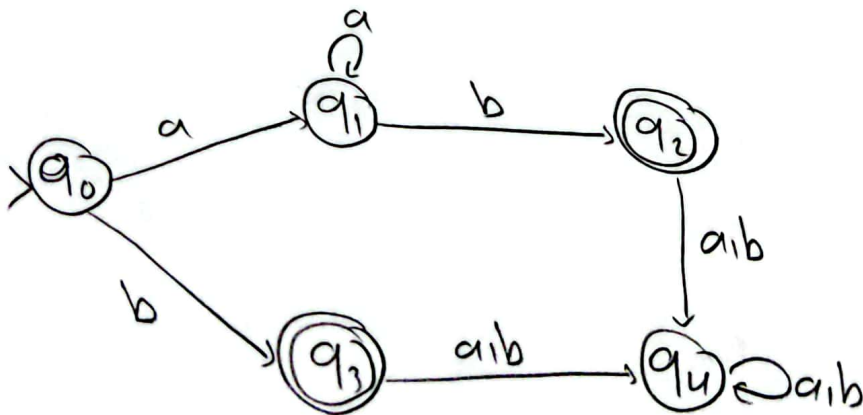
a



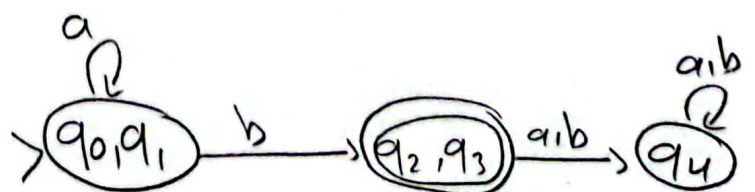
$\Rightarrow q_2, q_3$  denktir

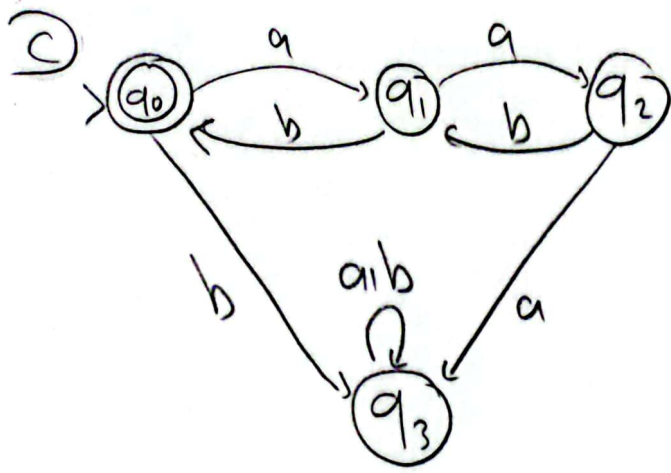


b



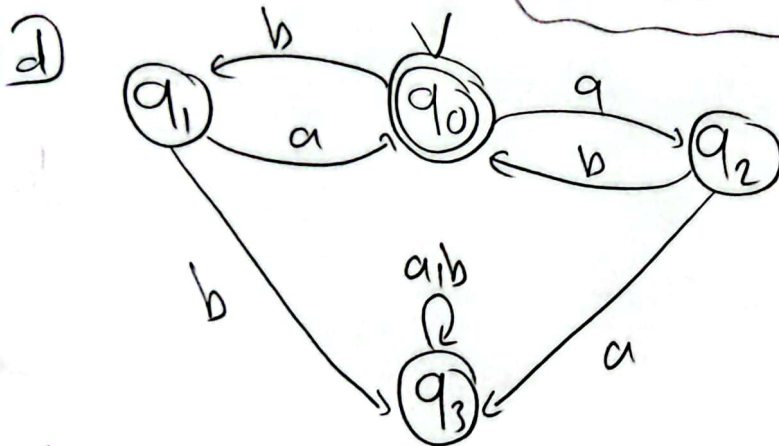
$\{q_0, q_1\}$  denktir,  $\{q_2, q_3\}$  denktir





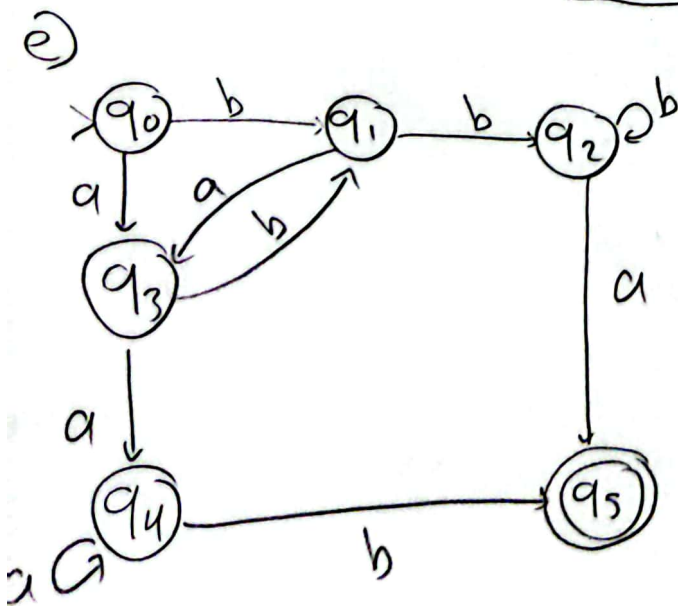
|       |       |       |       |
|-------|-------|-------|-------|
| $q_1$ | X     |       |       |
| $q_2$ | X     | X     |       |
| $q_3$ | X     | X     | X     |
|       | $q_0$ | $q_1$ | $q_2$ |

En sade hale bu



|       |       |       |       |
|-------|-------|-------|-------|
| $q_1$ | X     |       |       |
| $q_2$ | X     | X     |       |
| $q_3$ | X     | X     | X     |
|       | $q_0$ | $q_1$ | $q_2$ |

En sade hale bu



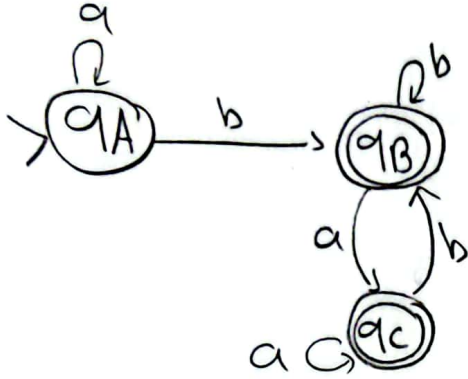
|       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|
| $q_1$ | X     |       |       |       |       |
| $q_2$ | X     | X     |       |       |       |
| $q_3$ | X     | X     | X     |       |       |
| $q_4$ | X     | X     | X     | X     |       |
| $q_5$ | X     | X     | X     | X     | X     |
|       | $q_0$ | $q_1$ | $q_2$ | $q_3$ | $q_4$ |

En sade hale bu

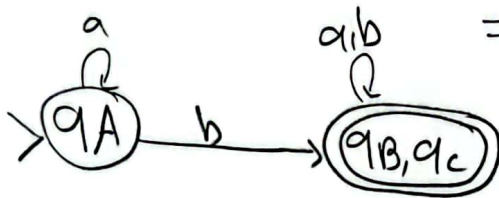
## 2.2.9

a) DFA'ya dönüştürüyoruz

$$q_A = \{q_0, q_1\} / q_B = \{q_0, q_1, q_2, q_4\} / q_C = \{q_0, q_1, q_3, q_4\}$$



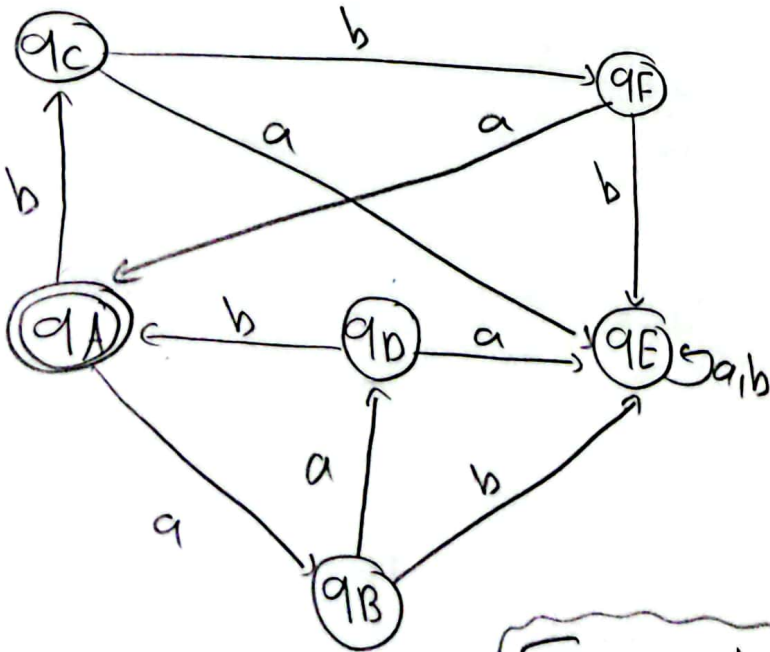
|    |    |
|----|----|
| qB | X  |
| qC | X  |
|    | qA |
|    | qB |



$\Rightarrow q_B, q_C$  denktir

b) DFA'ya dönüştürüyoruz

$$q_A = \{q_0\} / q_B = \{q_1\} / q_C = \{q_2\} / q_D = \{q_4\} / q_E = \emptyset / q_F = \{q_3\}$$



|    |    |    |    |    |    |
|----|----|----|----|----|----|
| qB | X  |    |    |    |    |
| qC | X  | X  |    |    |    |
| qD | X  | X  | X  |    |    |
| qE | X  | X  | X  | X  |    |
| qF | X  | X  | X  | X  | X  |
|    | qA | qB | qC | qD | qE |

En sade hale bu