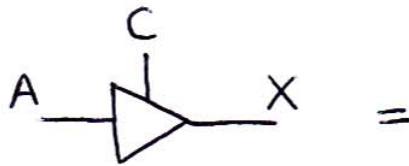


②



-

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2) Arbitrary logic implementation

3) Encoding / decoding

- turn one form of digital info representation into another / and back

BCD $\leftrightarrow$ binary

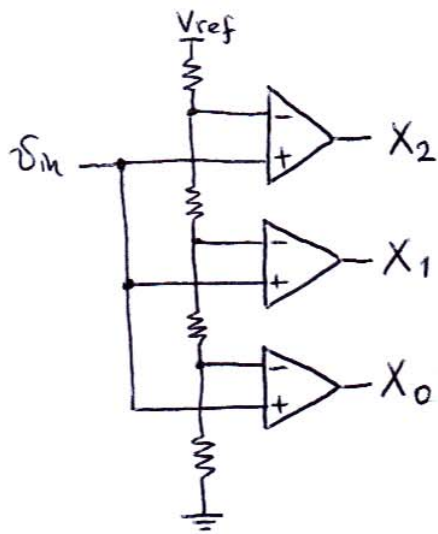
Gray $\leftrightarrow$ decimal

.....

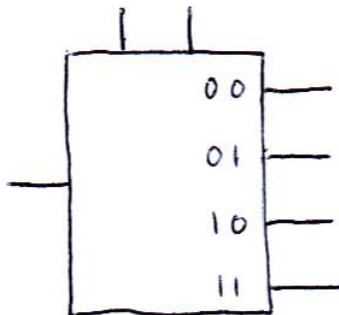
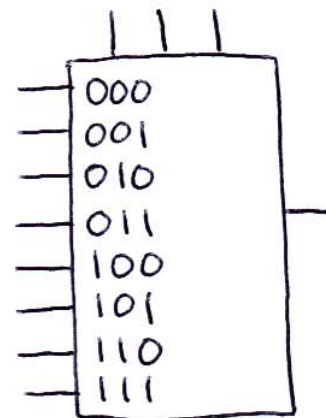
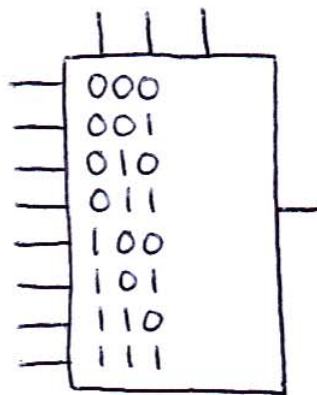
Example

3

Priority encoder



implementation



Flip-flops (contd.)

D flip-flop

D	Q_{n+1}

JK flip-flop

J	K	Q_{n+1}

T flip-flop

- any type of FF can be converted