$$
\begin{aligned}
& \text { Lecture }-\mathrm{CS} \\
& \text { Announcement }
\end{aligned}
$$

1).M. quick (uswally)
simple
Need to know laws/

$$
\begin{aligned}
& \begin{array}{l}
\text { that } \\
A(B+C)=A(B+C) \\
\text { th table. }
\end{array}
\end{aligned}
$$

(2) rruth table

Advantage : straight-forwand
Disadvantage: Tedious
(3) k -map $\leftarrow$ Alternative way to a wroth table.
Back to "nam material
Ex. $x$ NAND $1=\bar{x}$
$\overline{x \cdot 1}=\bar{x}$
Ex. $\quad x$ NOR $0=\bar{x}$
$\overline{x+0}=\bar{x}$


Con
You con crea nothing and
(2)
when you m
an OR gate
(ANI) $\leftrightarrow O R$ )
(3) Sometimes, you an isolated final design as " $\rightarrow$ "


