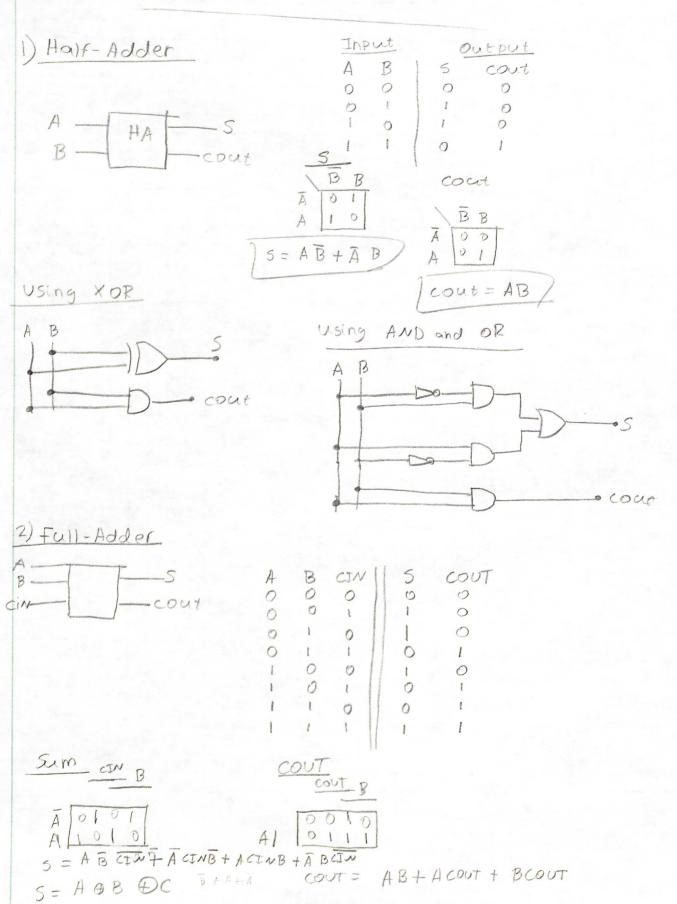
Pre-Labor	
Half-Adder A HA S B Cout	Input Output A B 5 cout 0 0 0 0 0 1 1 0 1 0 1 3 1 0 1
Using XOR	$ \begin{array}{c c} \hline B B \\ \hline A & 0 & 1 \\ \hline A & 1 & 0 \end{array} $ $ \begin{array}{c} \hline B B \\ \hline A & 0 & 0 \\ \hline A & 0 & 0 \end{array} $ $ \begin{array}{c} \hline A & 0 & 0 \\ \hline Cout = AB \end{array} $
A B S Cout	Using AND and OR AB Do D Coup
2) Full-Adder B Cout	A B CJW S COUT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Sim of B $ \overline{A} O O \overline{O} $ $ A O O \overline{O} $ $ S = A \overline{B} \overline{C} + \overline{A} \overline{C} + $	COUT COUT B A B CIN COUT = AB + A COUT + B COUT

S = A B DC THATA

MAMPAD

Pre-Lab 04



CAMPAD