$$C_{i}$$
  $C_{i}$   $C_{i$ 

$$S_{1}S_{0}=0 \} \Rightarrow B \oplus 0 = B \Rightarrow \begin{cases} 0 \mid 0 \longrightarrow OUT = B+B \\ 0 \mid 1 \longrightarrow OUT = B+B+1 \end{cases}$$

$$S_{1}AS_{0}=1 \} \Rightarrow C_{0}OUT = B+B+1$$

$$S_{1}AS_{0}=1 \} \Rightarrow C_{0}OUT = B+B+1$$

$$S_0 = 0$$

$$S_1 = 0$$

$$\Rightarrow 0$$

$$\Rightarrow$$

$$S_{i} = 0$$

$$S_{i$$

 $Y = Y_3 \times 2^2 + Y_2 \times 2^1 + Y_1 \times 2^0$   $Y_3 \times 2^3 + Y_2 \times 2^2 + Y_1 \times 2^1 + 1 \times 2^0 = 2Y + 1$   $11(1 = 1 + Y_4 + X_1 + X_2)$   $11(1 = 1 + Y_4 + X_1 + X_2)$   $11(1 = 1 + Y_4 + X_1 + X_2)$   $11(1 = 1 + Y_4 + X_1 + X_1 + X_1 + X_2)$   $11(1 = 1 + Y_4 + X_1 + X_1 + X_1 + X_2)$   $11(1 = 1 + Y_4 + X_1 + X_1 + X_1 + X_2 + X_1 + X_2 + X_1 + X_2 + X_1 + X_2 + X_2 + X_2 + X_1 + X_2 +$ 

Z=A+B

=> درجمع لننده درم فراهس داست:

$$S = S_{\lambda}S_{\gamma}S_{\beta}S_{\delta} \quad \text{ideal in } S_{\lambda}S_{\gamma}S_{\beta}S_{\delta}S_{\gamma}S_{\gamma}S_{\gamma}S_{\gamma}S_{\delta} \quad \text{if } Adder$$

$$S_{\gamma} \quad S_{\gamma} \quad S_{\gamma} \quad S_{\gamma} \quad S_{\delta} \quad \circ \quad a_{\gamma} \quad a_{\gamma} \quad a_{\gamma} \quad a_{\delta} \quad \\ + \quad \overline{c_{\gamma}} \quad \overline{c_{\gamma}}$$