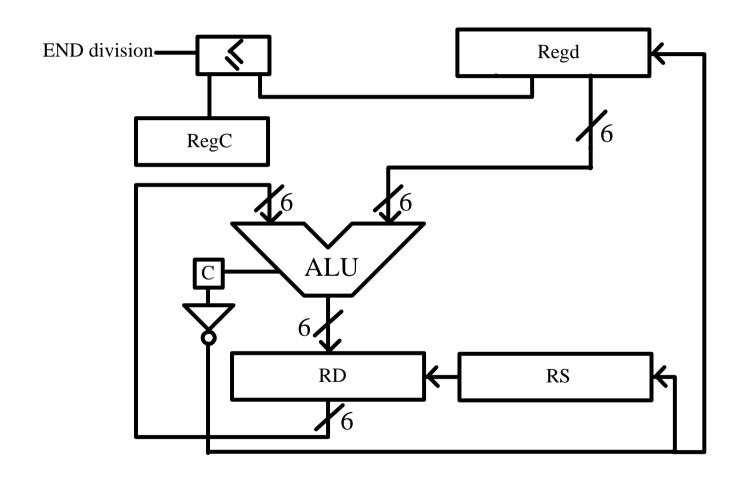
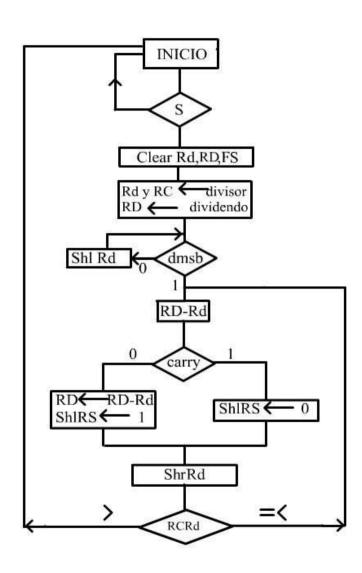


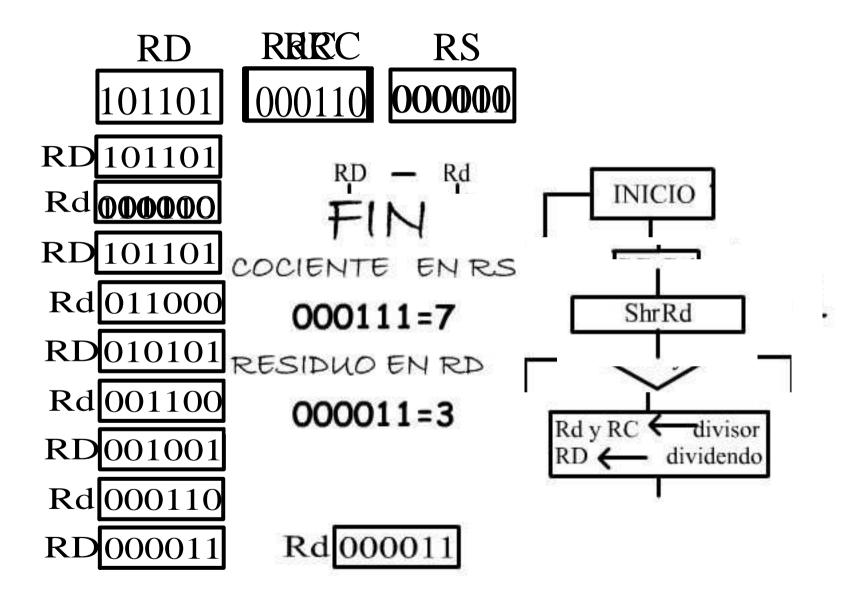
#### Data-Path Division



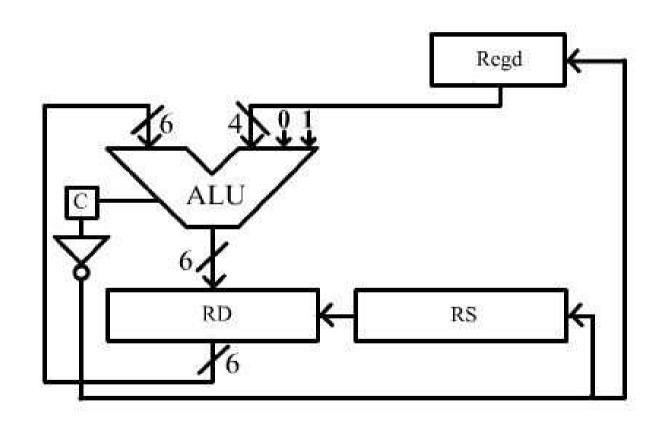
### **ASM**



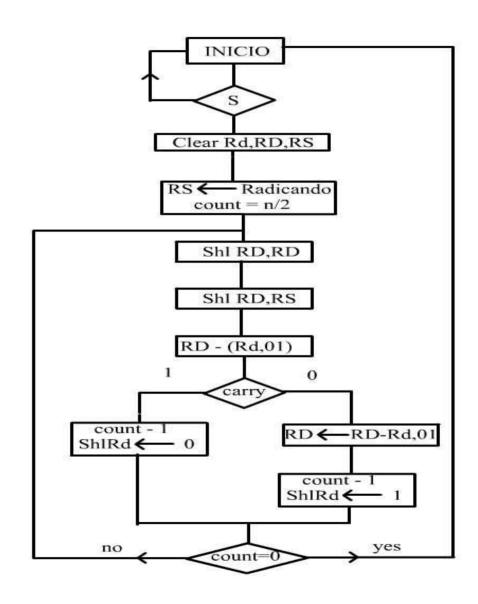
### Ejemplo División 45/6, 101101/000110



### Data-Path Raíz Cuadrada

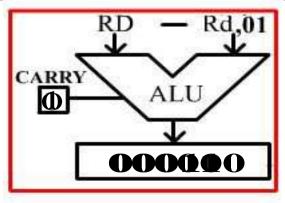


### Data-Path Raíz Cuadrada

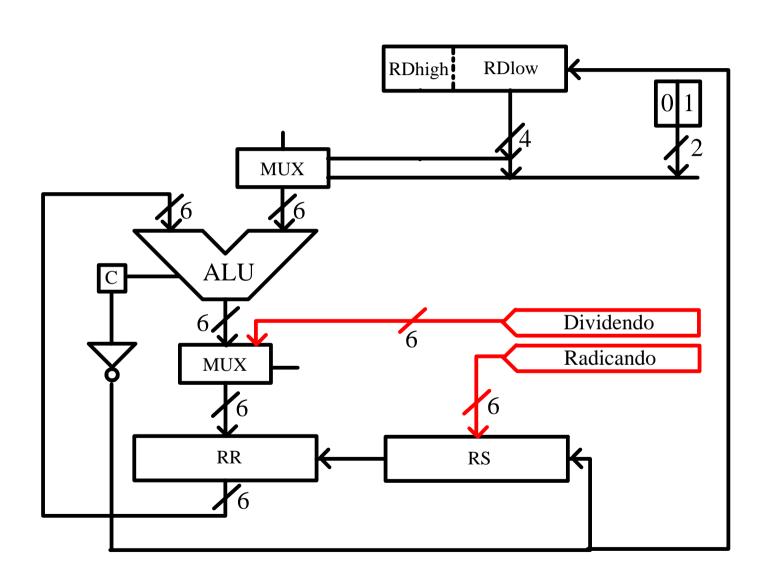


# *Ejemplo, Raíz de 31=0111111*

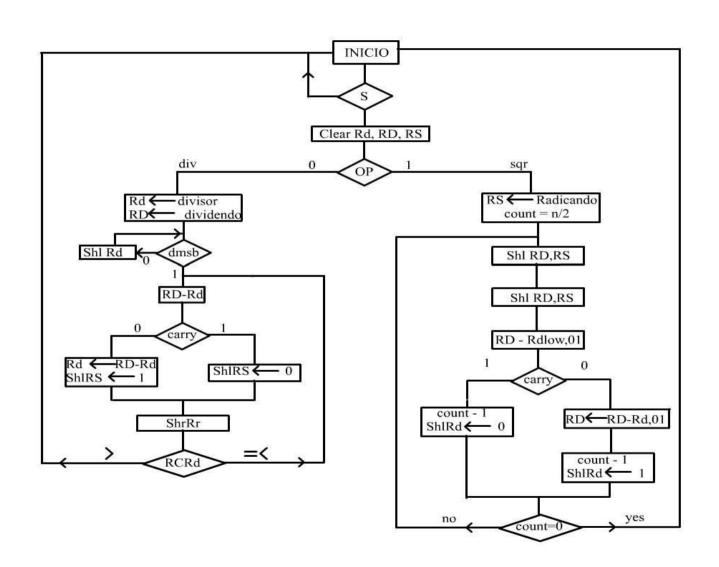
Reg DRe	g S Reg d	l O1 Cou	nt INICIO
000000 <b>011</b> 000000 <b>111</b>		01 3	FIN
0000001111		01 01	RAIZ EN RO
000000 <b>111</b> 000001 <b>111</b>		$\begin{bmatrix} 01 \\ 01 \end{bmatrix}$	0101=5
000011 <b>110</b>	000 0010	01 1	RESIDUO EN RD
000111 <b>100</b> 001111 <b>000</b>		$\begin{bmatrix} 01 \\ 01 \end{bmatrix}$	000110=6
000110 000		$\begin{bmatrix} 01\\01 \end{bmatrix}$	count = n/2
	0101		A



# Data-path Raiz - División



### **ASM**



#### **FSM**

