

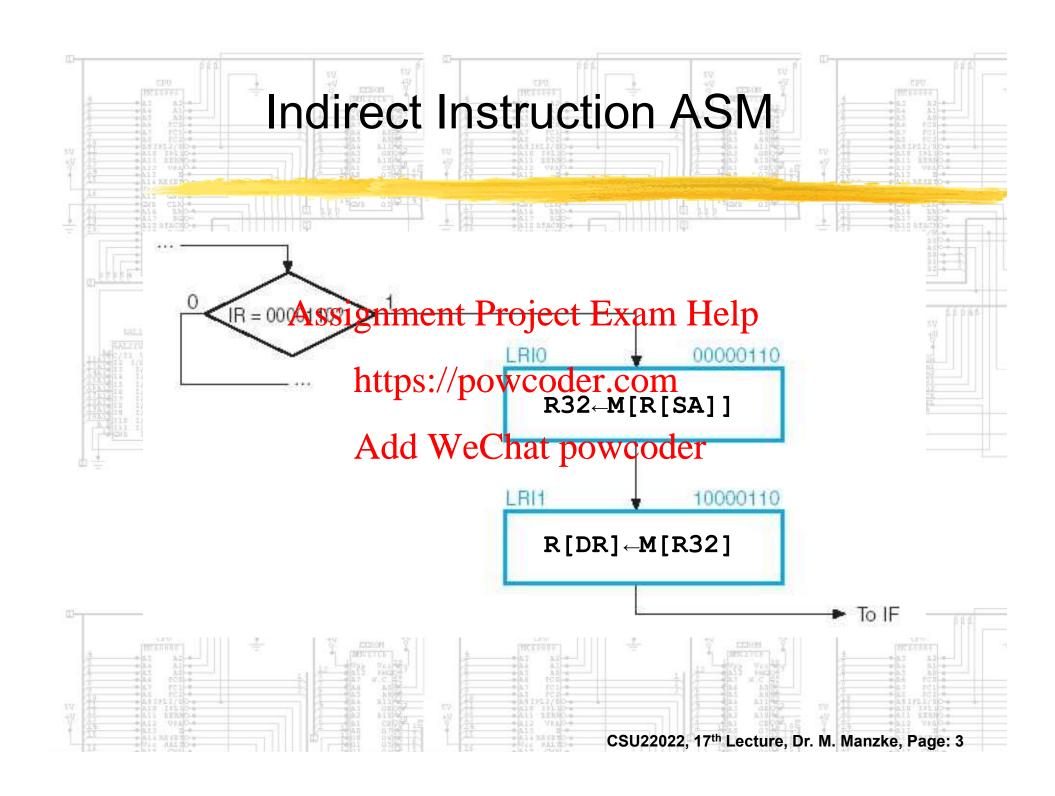
Symbolic/Binary Microprogram

Address	NXT ADD	MS	МС	IL.	PI	PL	TD	TA	тв	МВ	FS	MD	RW	ММ	MW
IF	EX0	CNT	==	LDI	INP	NLP	-		-				NW	PC	NW
EXO	9-3-	NXT	OPC	NLI	NLP	NLP		_8			<u></u> 8		NW	-	NW
ADI	IF	NXT	ANKA	Oth	1MA	nyLiP	r Mike	674	Fx	adonstant	e^{1p+B}	FnUt	WR	-	NW
LD	IF	NXT	NXA	PLI	NLP	NLP	DR	SA				Data	WR	MA	NW
LD ST INC	IF	NXT	NXA	NLI	NLP	NLP	3	SA	SB	Register		MACORISMA E	NW	MA	WR
INC	IF	NXT	NXA	NLL	NLP		_DR	SA				FnUt	WR	200	NW
NOT	IF	NXT	NXA	Nili	D DR	/NPO	W/G(JUE	er.c	OIII	$F = A + 1$ $F = \overline{A}$	FnUt	WR	-	NW
ADD	IF	NXT	NXA	NLI	NLP	NLP	DR	SA	SB		F = A + B	FnUt	WR	-	NW

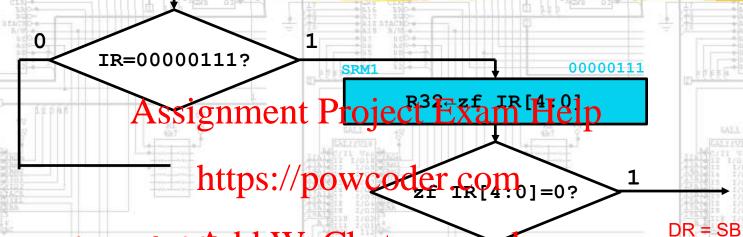
NXT Add WeChat powcoder															
Address	ADD	MS	MC	IL	PI	PL	TD	TA	ТВ	MB	FS	MD	RW	MM	MW
192	193	000	0	1	1	0	0	0	0	0	00000	0	0	1	0
193	000	001	1	0	0	0	0	0	0	0	00000	0	0	0	0
000	192	001	0	O	0	0	0	0	0	1	00010	0	1	0	0
001	192	001	0	O	0	0	0	0	0	0	00000	1	1	0	0
002	192	001	0	0	0	0	0	0	0	0	00000	0	0	0	1
003	192	001	0	0	0	0	0	0	0	0	00001	0	1	0	0
004	192	001	0	0	0	0	0	0	0	0	01110	0	1	0	0
005	192	001	0	0	0	0	0	0	0	0	00010	0	1	0	0

This is not our control memory but similar

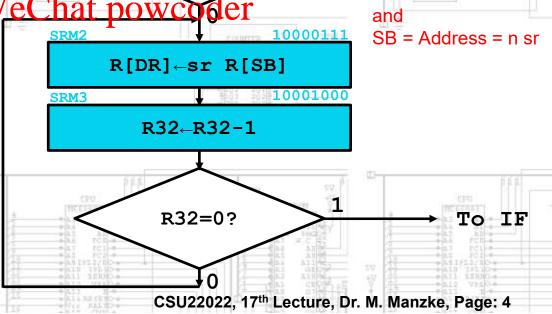
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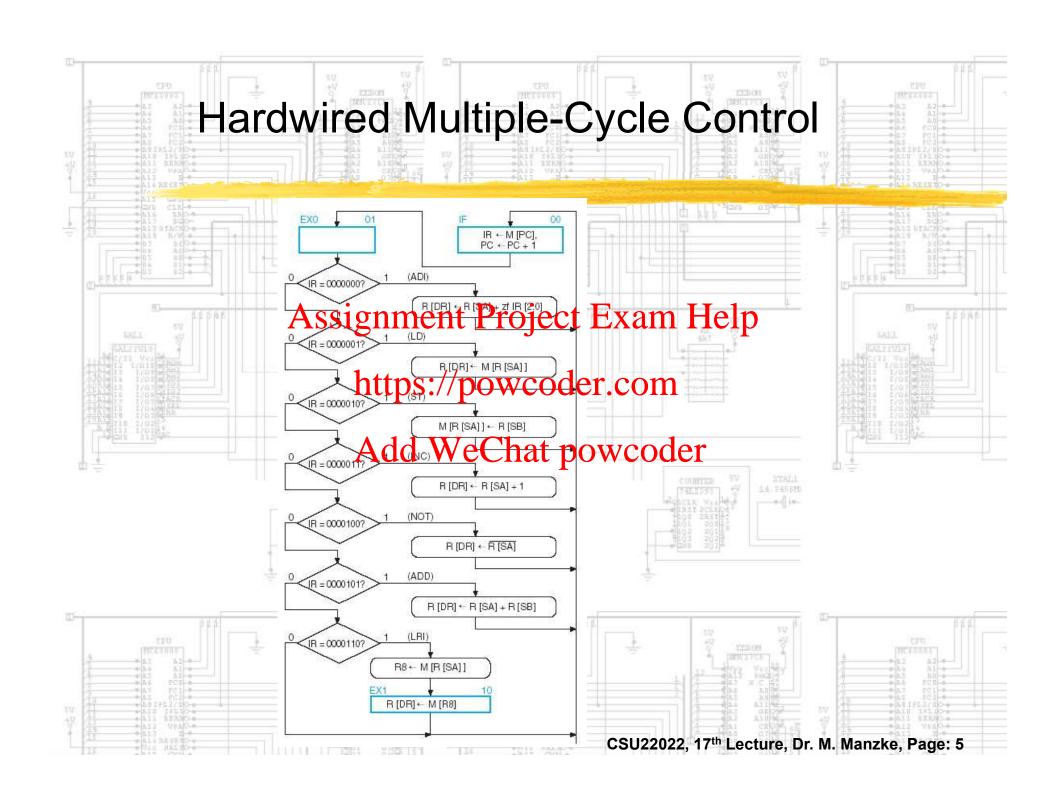


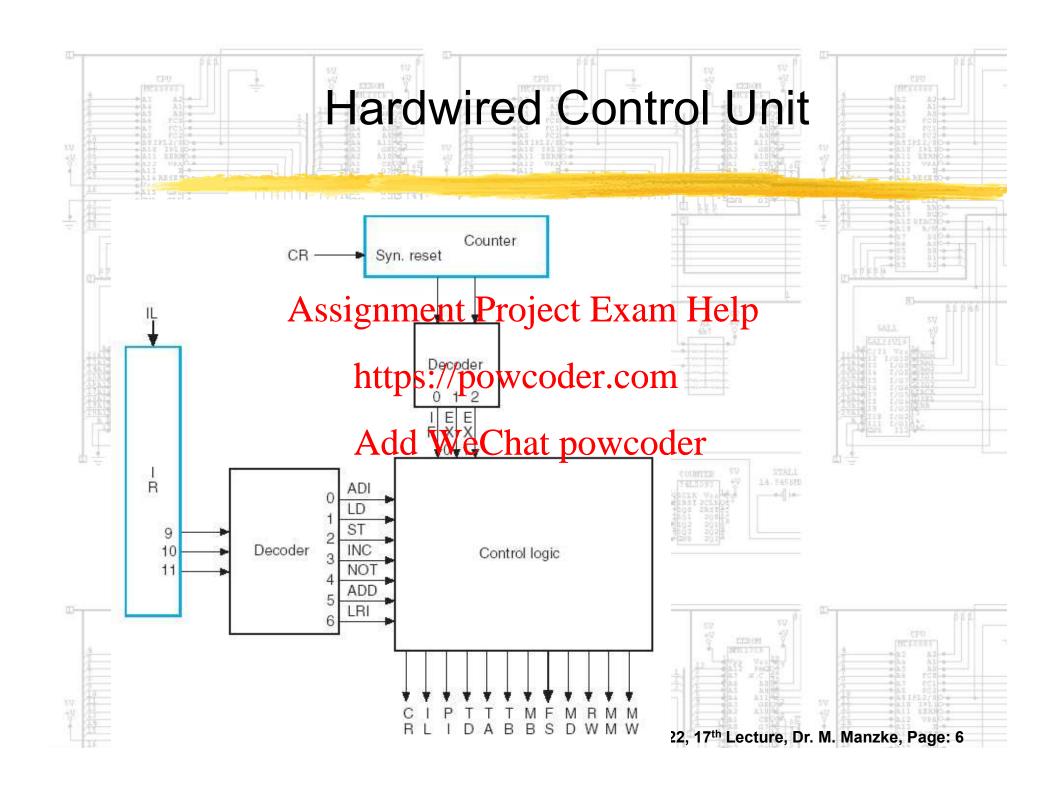


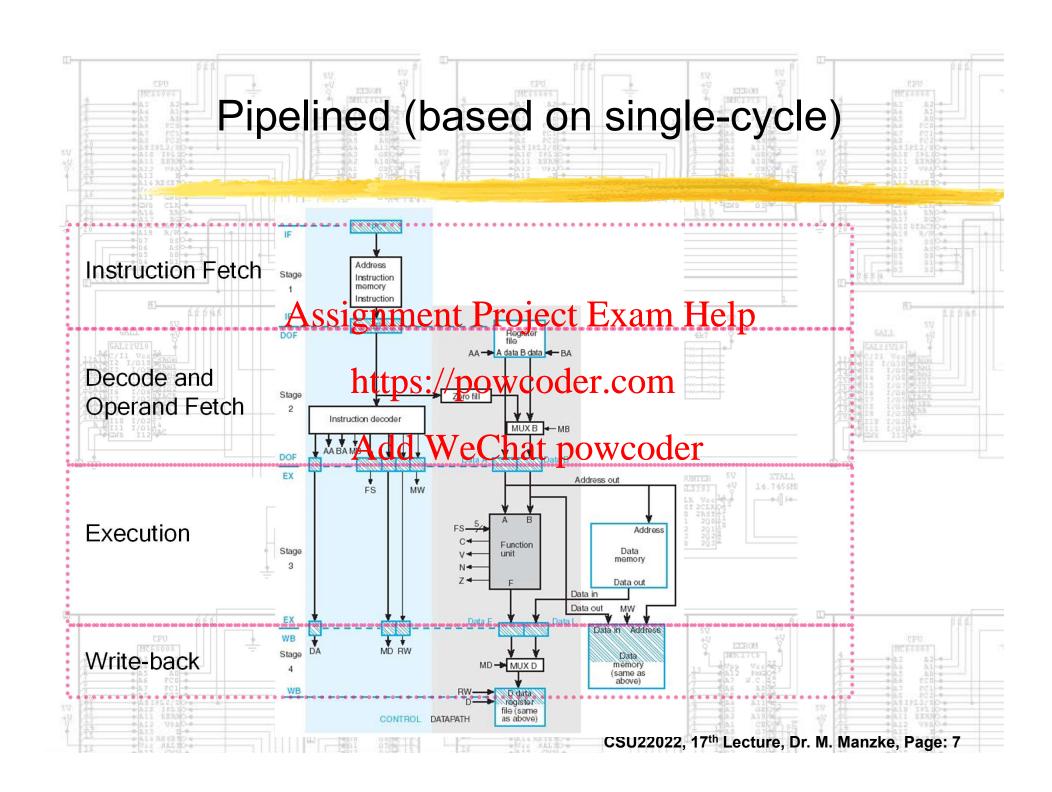


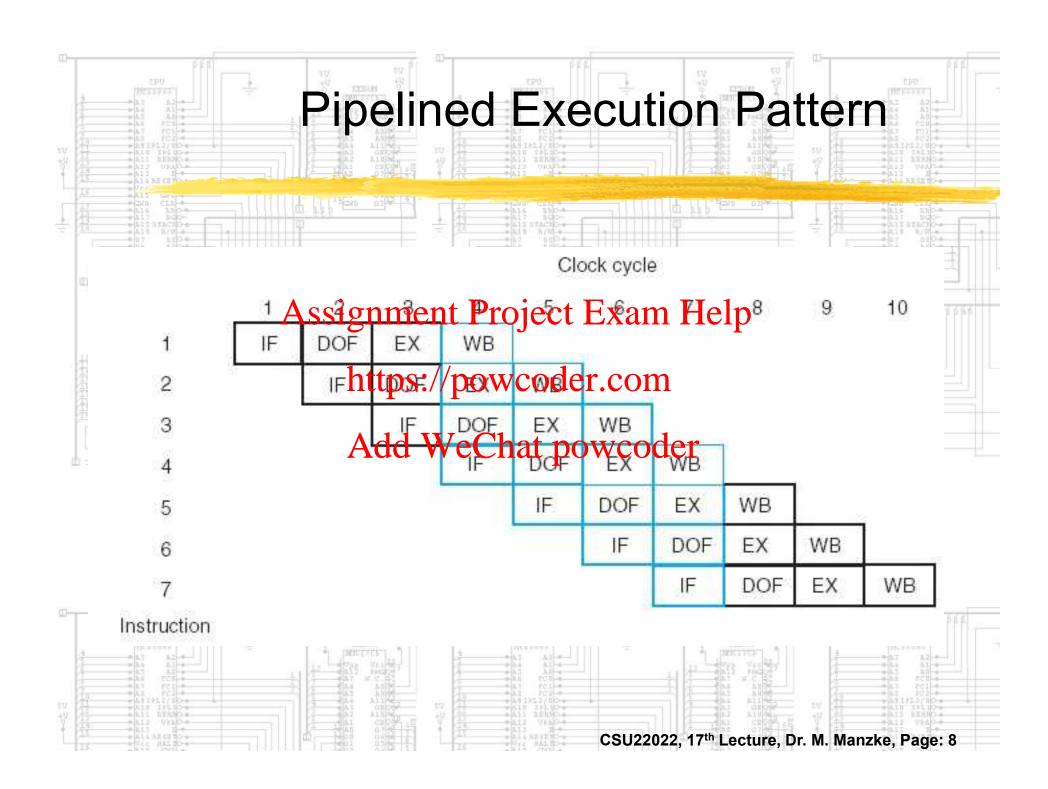
The number of shifted to the right n must be the same as the SB register that holds the value that will be shifted by n bits to the right where $R[DR] \leftarrow SR[S]$ $R[DR] \leftarrow SR[S]$ $R[S] \leftarrow S$











Computer Architecture and Microprocessor Systems

