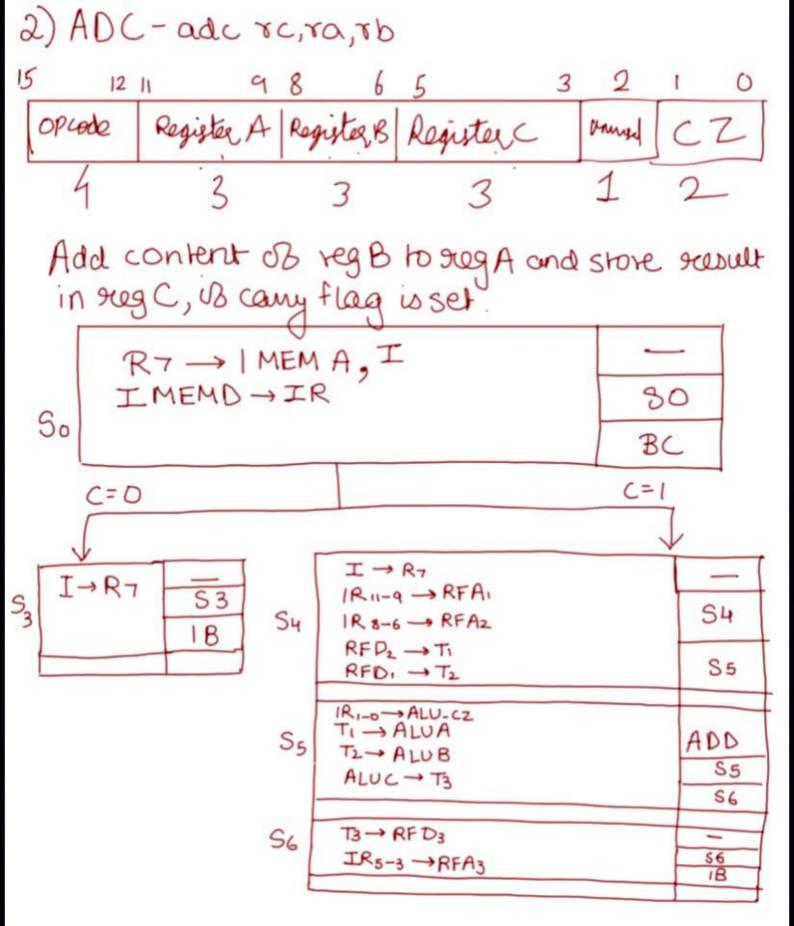
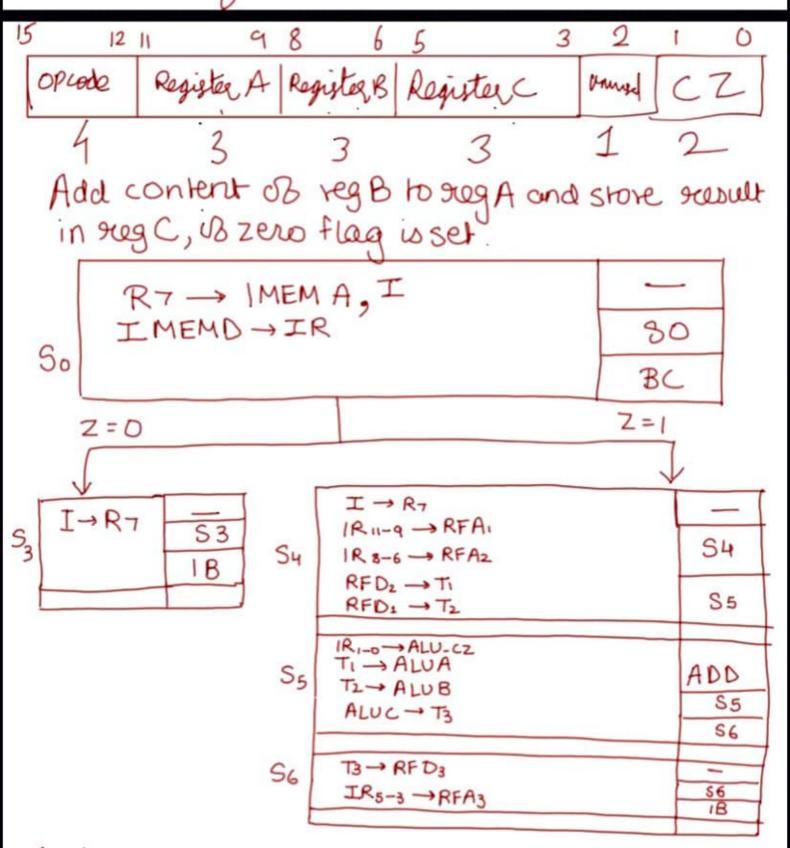
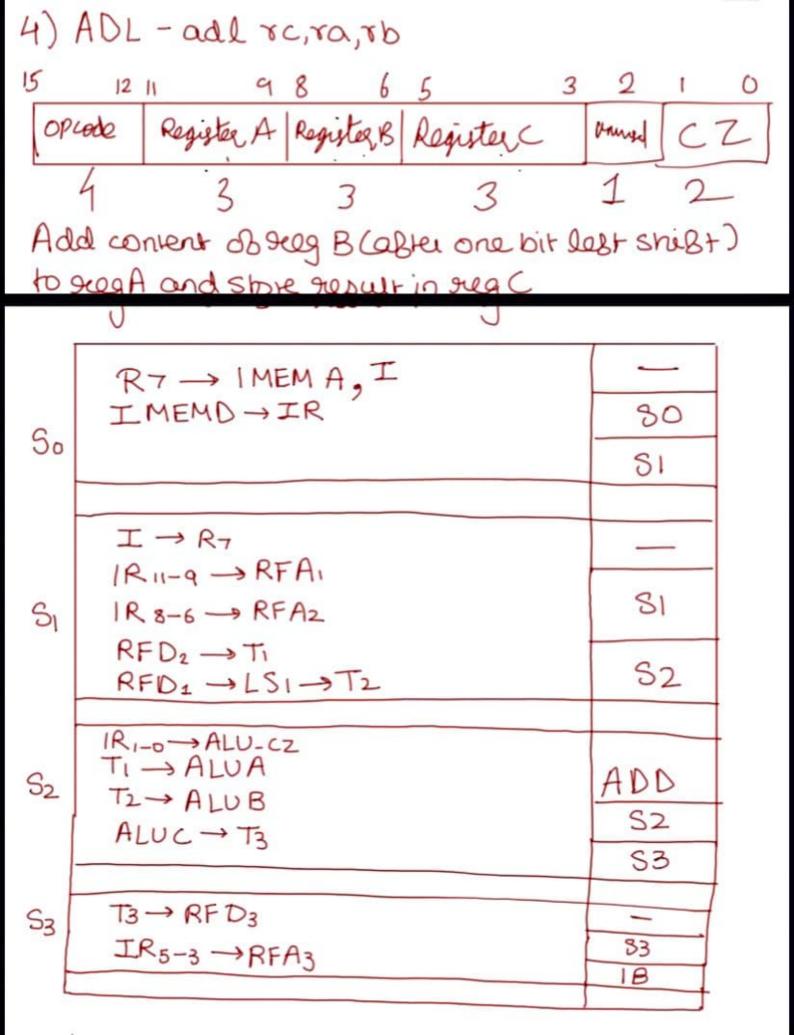
1)	ADD - add Rc, Ra, Rb		
Opcode Register A Register Register Muss CZ Add content 08 reg B to steg A and store stabult in steg C			
So	R7 → IMEM A, T IMEMD → IR	30 SI	
SI	$T \rightarrow R_7$ $1R_{11-9} \rightarrow RFA_1$ $1R_{8-6} \rightarrow RFA_2$ $RFD_2 \rightarrow T_1$ $RFD_1 \rightarrow T_2$	 81 S2	
S2	IR,-0→ALU-CZ TI → ALUA T2→ ALUB ALUC → T3	ADD S2 S3	
S ₃	$T_3 \rightarrow RFD_3$ $IR_{5-3} \rightarrow RFA_3$	33 1 <i>B</i>	

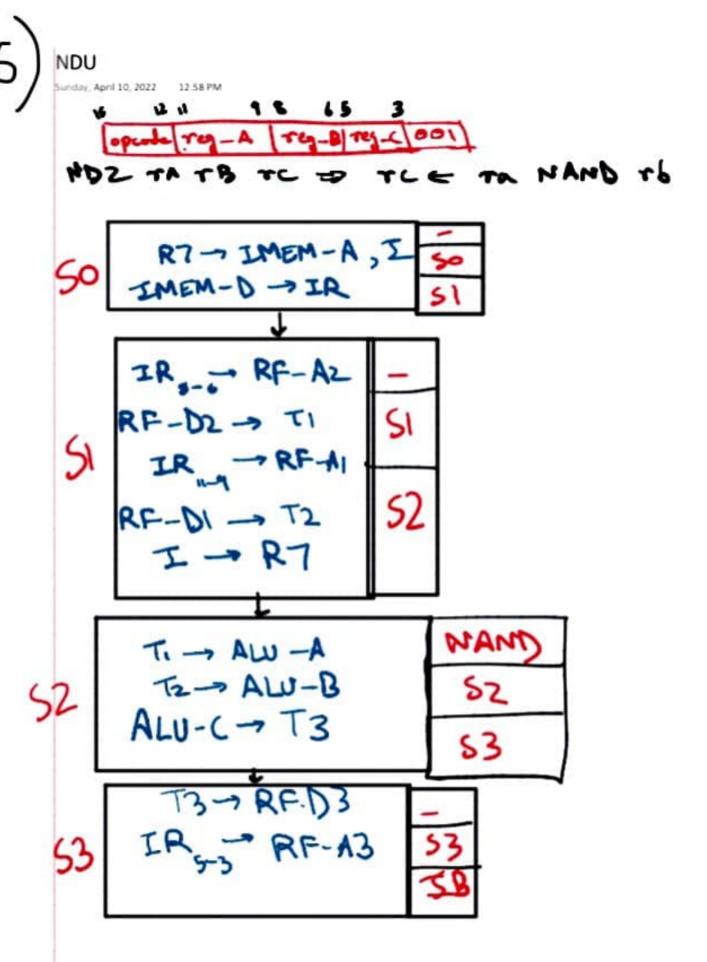


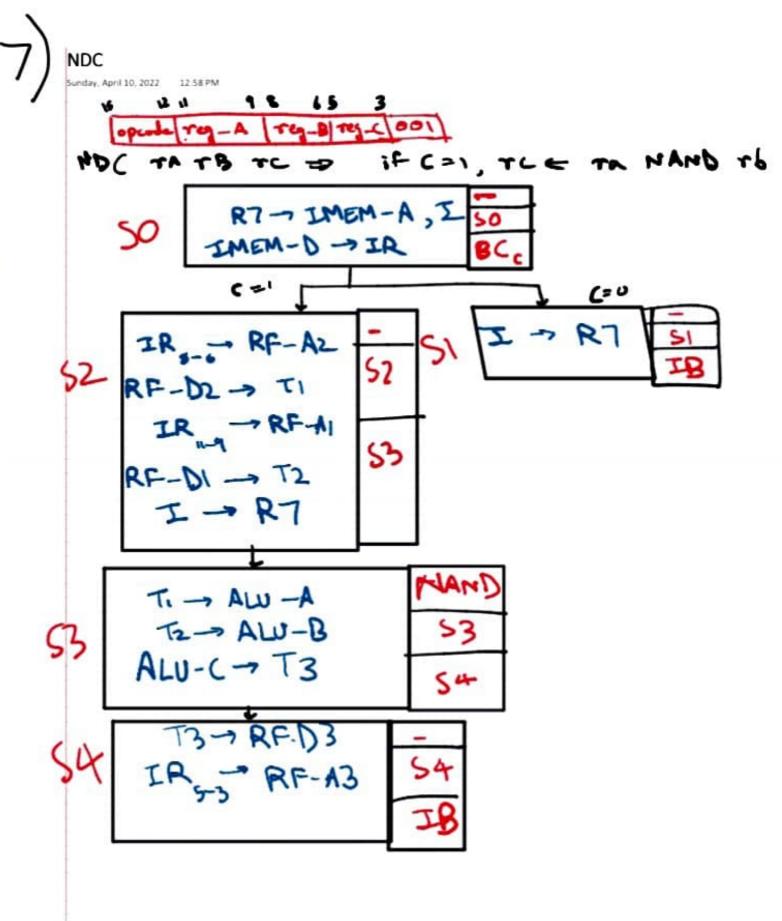
3) ADZ-adz rc,ra,rb

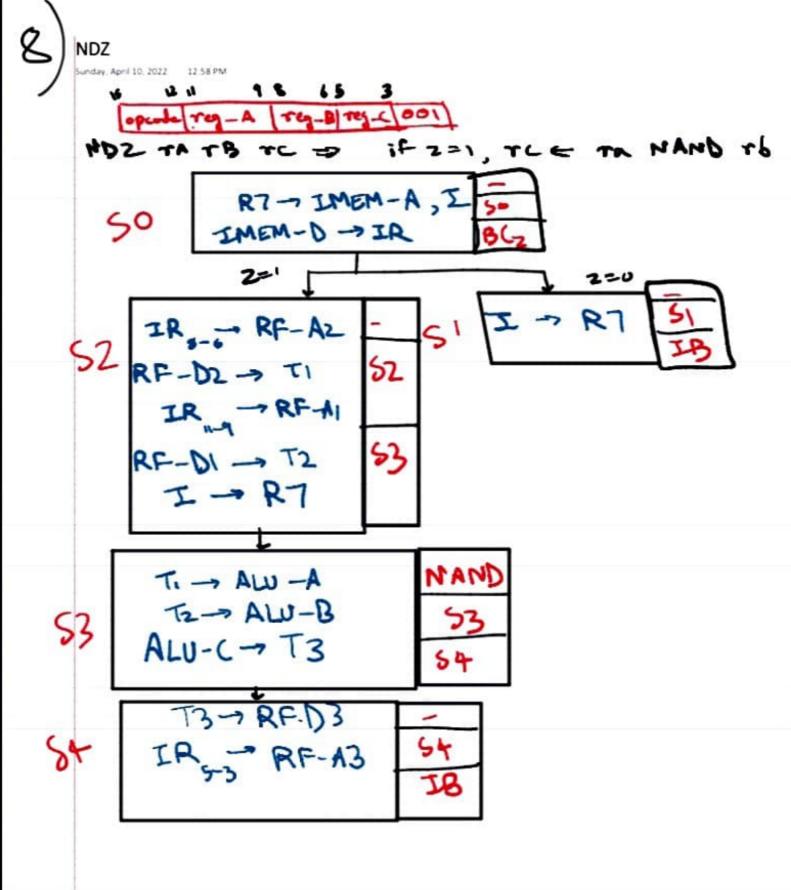


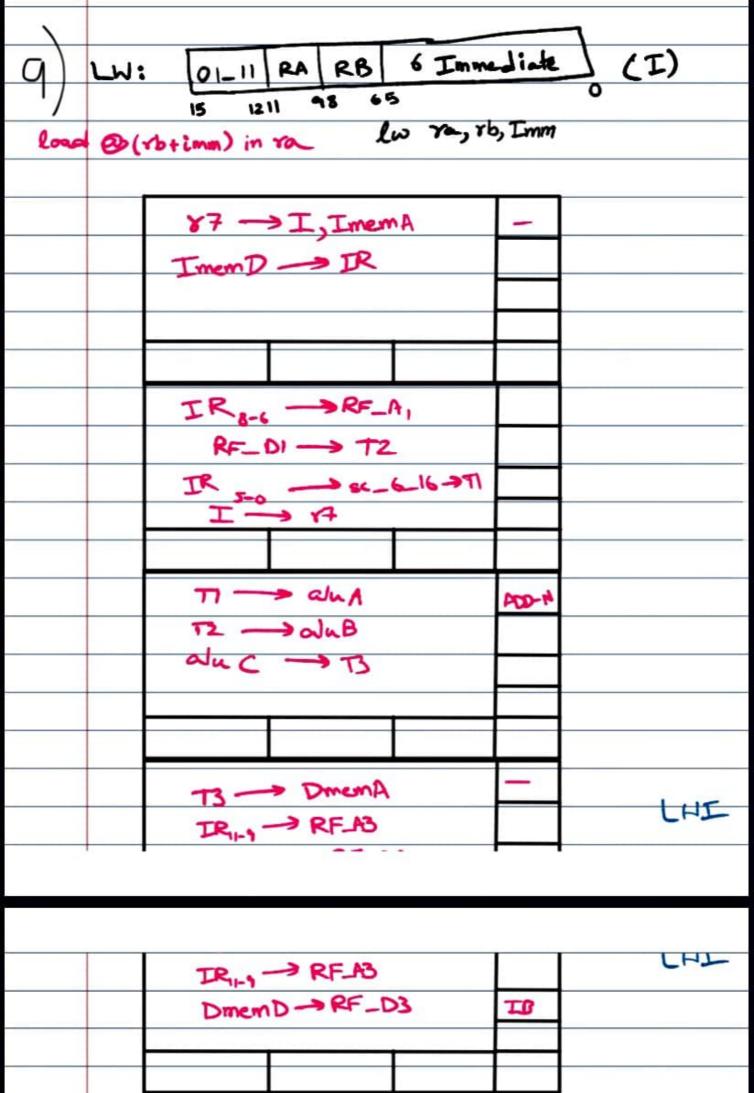


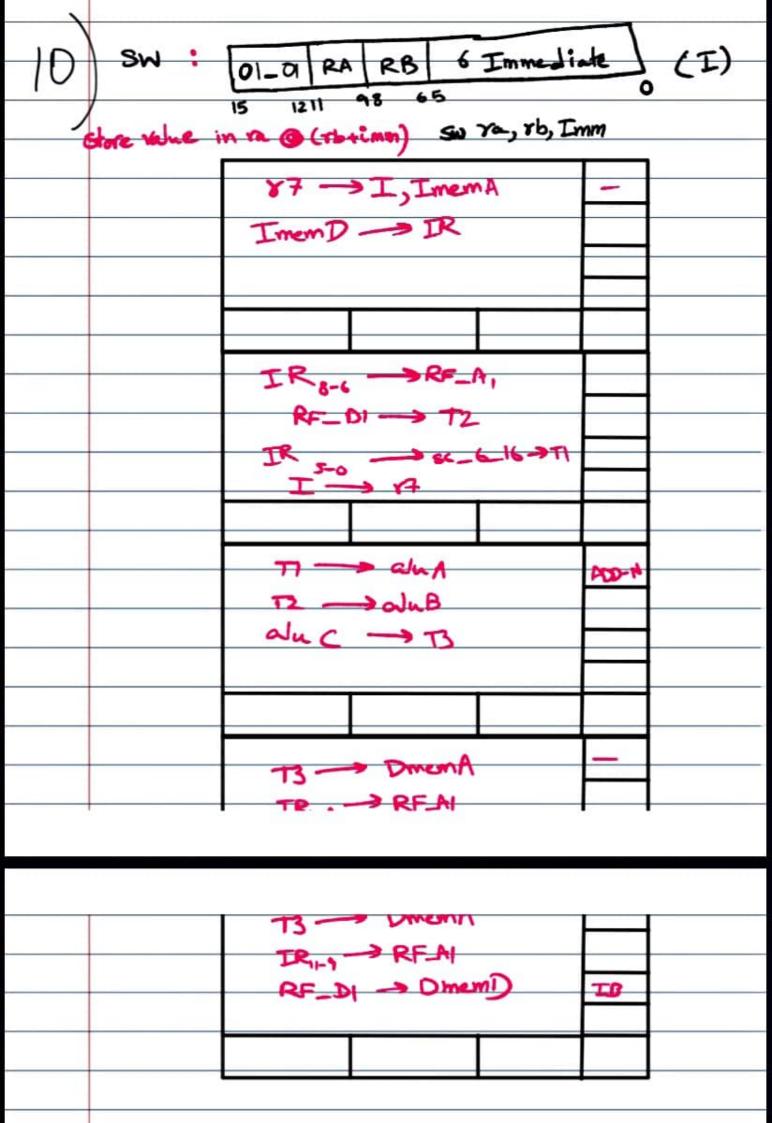
5) ADI-adi rb, ra, imm6 12 11 opcode Register A Register B Immediate R7→IMEMA,I So IMEMD -IR SI 1R11-9-RFAI RFD2 -> TI 91 SI IR5-0 → S€_6_16 → T2 Sz I -> R7 TI -> ALUA ADD S2 T2 - ALUB S2 ALUC -> T3 S3 IR8-6 - RFA3 T3 -> RFD3 53 13









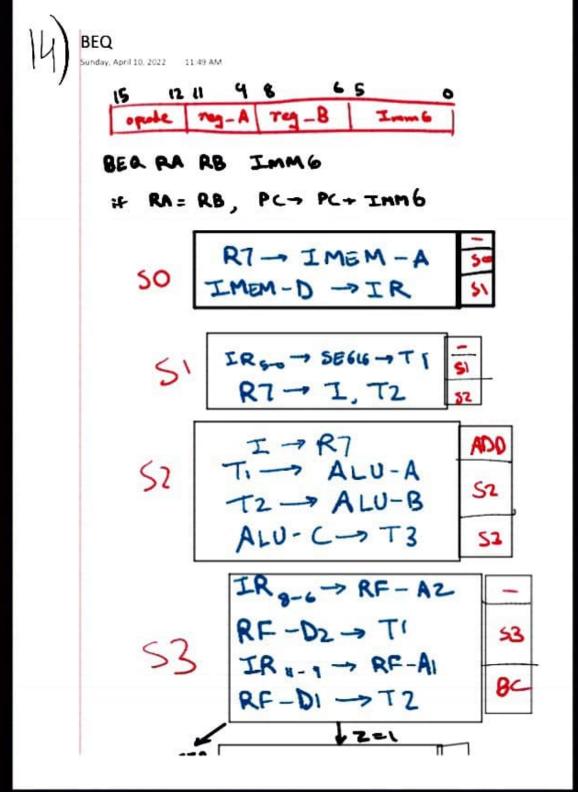


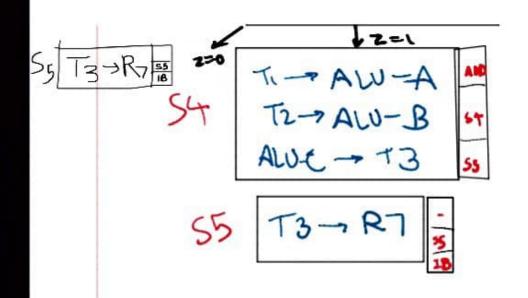
LHI Sunday, April 10, 2022 12-50 PM Sprodel Teg_A IMM9 LHI Teg_A Imm9.
for IMM9= bsb7bsb3b3b3b3b3b3b3b3b3b000000000000000
SO IMEM-D -> IR 50
SI IR 8-0 -> SE16 -> TI SI R7 -> I SI
52 I-1 R7 = 53
53 TR → 75 → RF-03 - 53 TR → RF-A3

11)

A THE SECTION AND 50 RF-DI-TI 287 - SE-4 TI -> ALUA - AWB , DMEM ALUC-> T3 524 IR20-1847-DEL-AFAI IR6→ 5516 T3→T2 TI-P AWA 100) TZ-JALUB, DALEMA ALUC - T3 54 4 IR+07 BAG-DEC-SRFAL 妈 RFDI - Diner DD IP5-> 5E116 T3 - T2 TI-P AWA TZ->ALUB, DALEMA ALUC - T3 IR20 7 BAS Dec-SRFAI RFD1-2 Dn new DD 184- 5516 T3 -T2 TI - ALUA TZ - ALUB, DNOM ALUC - T3 7 T3 574 IR20 7 8 147 14.5 DEC-SRFAI RFD1-DD T3 - T2 TI - AWA
TZ - ALUB, DALEMA
ALUC - T3 ast) 533 IR20 - BAJ - DEC-SRFAL RFDI - Domer DD 534 IRL SELL T3 -> T2 TI- AWA * TZ-JALUB, DALEMA ALUC - T3 515 545 IR- - BAZ- DEL-PRFAI 536 RFDI - Domen DD IR - 5 5 11 6 536 T3 -> T2 TI- AWA ALUC - T3 537 531 IR- - > BAI -> DEC->RFAI SW. RFD - 2 Dimer 20 IRO - SETT T3 - T2 TI- AWA 23 TZ-ALUB, DMEMA ALUC - T3 NW) + T3 1 IR20 7 BAD Dec-SRFAL 28 RFDI - Dimen DD

---RT -+ INSM INSMB - IR 50 RF-DI - TI TR7 - SHEE TI -> ALUA
TI -> ALUB, DMEM-A ALUC - T3
IR. - BAT - DC - PRAS RF-D3 -> Dmon DI. IR -> SITTE TI -TZ TI-P AWA (101) ALUC - T3 SH 500 IR20 7 BA6-->RFA8 With RFDB - Domen D.2 T3 -T2 TI- AWA TZ-JALUB, DINEMA ALUC - T3 529 5 IR-0-1 BAS-> DEC->RFA RFDB-2 Dimer DZ IRT- SEIL T3 -> T2 I - AWA 12-1 ALUE, ALUC - 13 IR-0-1 BIA-MA TZ -> A LUB, DALEMA 547 574 DEC-SRFAB 532 RF 103 -2 DZ 1R3-> 5=116 T3 -> T2 TI- AWA ADD) ALUC - T3 533 IR-0 - BAJ -> DEC->RFAJ 534 RFD3 - 2 Diner DI SHIIIb 50 T3 -> T2 TI - AWA 20 TZ->ALUB, DINEMA ALUC - T3 535 55 IR20 - BAZ DU-RFA 536 RF-103 - 2 Domen 03 IRI- SUIL T3 -> T2 Sol TI- AWA TZ->ALUB, DALEMA ALVC - T3 IR+ - - BAI -553 531 DEC-SRFA 534 RF 103 - 2 Done DI IRO- SEN 594 T3 - T2 TI- AWA AUD TZ -> A LUB, DNOW ALUC - T3 539 625 IRTO -> BAS -> DEC-SRFA 38 RF-D3-2 Diner DI





oprode reg-A 9-6:+ zmm

JAL RA JMM9

Brounds to Imm9+PC & Store PC+1 in reg-A

SO R7
$$\rightarrow$$
 IMEM-A SO IMEM-D \rightarrow IR SI IF

IR₃₋₀ \rightarrow SE₉₁₆ \rightarrow TI \rightarrow SI \rightarrow SI \rightarrow T2 \rightarrow T2 \rightarrow SI \rightarrow ALU-B \rightarrow ALU-A \rightarrow ALU-C \rightarrow T3 \rightarrow SI \rightarrow RF-A3 \rightarrow SI \rightarrow R7 \rightarrow R7 \rightarrow R7

JLR RA RB >>>> Branches to RB, Stores PC+1 in RA

