D1	if (002)	DSUB	UI R3, R1, #	#2
DI	$\ln(aa=2)$	BNEZ	R3, L1	; b1 (aa!=2)
	aa=0;	DADD	R1, R0, R0	; aa==0
B2	if $(bb==2)$ L1:	DSUBUI	R3, R1, #2	
	(BNEZ	R3, L2	; b2 (bb!=2)
	DD=0;	DADD	R2, R0, R0	; bb==0
B3	if (aa!==bb){ L2:	DSUBUI	R3, R1, R2	; R3=aa-bb
		BEQZ	R3, L3	; b3 (aa==bb)
	If the condition is true \rightarrow	(B1,B2) bra	nch NOT TA	KEN
	If the condition is true \rightarrow I	B3 NOT tak	en	
	If B1 and B2 both NOT TA	AKEN B3 →	TAKEN	
	There is a correlation be	etween B3	and both B	1 and B2













Example												
Initi	ial d	d==	=0?	B1	d be	foe b	2 d==	1 b2				
0		١	(NO	1		Y	NO				
1		1	N	Taken	1		Y	NO				
2		1	N	Taken	2		Ν	Taken				
d	b1 Pred		b1 action	newb1 pred	b2 pred		b2 action	new b2 pred				
2	NT/N	۲ 🗙	т	T/NT	NT/ <mark>NT</mark>	*	Т	NT/T				
0	T/NT	1	NT	T/NT	NT/T	1	NT	NT/T				
2	T/NT	1	т	T/NT	NT/T	1	т	NT/T				
0	T /NT	1	NT	T/NT	NT/T	1	NT	NT/T				
Mi on	spredic ly	tion	on first t	ry								
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