	int factorial (int n) {	(Argument n in \$a0)
	if (n<1) return 1;	(Argument n in \$a0) (Result in \$vo)
	else return factorial (n-	1) * n;
	3	
FACTORIAL:	ADDIU SP SP -8	RETI: ADDIU Vo 15 1
	SW ra >[sp +k]	LW +2 (sp+0)
	SW a, 7[sp +0]	LW 124[sp+4]
	ADDIU to ro	ADDIU sp sp 8.
	SLT t, a, t,	JR na.
	BNE to ro RETI	
	ADDEU as as -1	(to, ti, ta: Temporary Register)
	JAL FACTORIAL	
	· LW t2 = [sp + 0]	
	LN 1a+[sp+4]	
	MULT vo Vo to	
	ADDIN SP SP 8	
	JR na	
The state of the s		