Bibhanshu Vadau 2300230100030 1. white a program to evaluate the annavithmetic statement. P(=((x-(+2) + (A-B))/(C-0-E) (1) Two address instructions (i) one address (ii) Zow address instructions P = (A-8) + ((C-0=E)|F)|G) Timo addies instruction >> MOV RI, BY RI EMESTORI 101 - ADDROPOV RZ, Z R, +M(Z)+R, MOV R2, A . R2 - M [A]

A POW . R2, B . R2 - R2 - M [B] RI + RI * R2 MUL RIR2 R2 + MCC] MOV R2,C R, CR, MM(D) Pow R2, 0 Ry + ROM(E) MUL R2, E R, + RI/R2 Do Div Rg, Rg ampple R MOV PA, RI

P.HUL

Spiral

· TOSE (2-4+2) + A AB)

				_
0.44				-
			^	
	. 0			
ror		MIFI	C103 (C10)	1
, 0.0	COLLA	- E1C	/ ₩	
1000	4		TOSTA	
	C			
100	0			
	E		7034 F	
MUL			TOSTORE	
300			TOS + C-(0.E)	
Push		F	TOSEF	
OIV			TO3 + 100 (C-0	x IS
		Cn	TOJEG	1
			TOJ E CO	
			(CC- 0+E)	19/
MUL			TD) e (A-RO) .///C-	Dx
			11	216
	PUSh PUSh PUSh PUSh PUSh PUSh PUSh PUSh	POW POW POW POP POP POP POP POP POP POP	103h D TOSE P 100h D TOSE P 100 TOSE C 100 TOSE C	FOW TON + COD FOW TON + COD FUND TON + COD FUND TON + COD+ E DIV TON + COD+ E DIV TON + COD+ E ON FOR MIPS - TON (COD) AB - COE * - F/GH/ * PUND B TON + B FUND C TON + C PUND C TON + C PUND C TON + C PUND TON + C