Bar top Ppeline Cain 1 a) Processor co meline, 500 ps (Non-5 com tour 4° pre me: 300+600+350+500 Processon 100 / 1650ps processor & pipeline 200ps 140-800ps Ty lu Co pipe line: 500 + 5 = 9500 pl ty lu 10° pipe line: 302400+ 550+500+100-165051 ty lu co pipline. 5 × 200 - 1000ps Hos them we lest add 6 mpetire: 6 + 500 = 9500ps 10° pipe line nhuy ctor dre ky: \$00 6: 1650 ps Caus d) try xues he mi dir és à lu, su ? CHA @) YOKMEM = 15% + 101 = 85%.

62 30% +16% = 46% May OK UPS (3 2 lass ALU & lu) 50% = 60% ALL (add, esp, and, cor, SI+) Branch (bey) 654 Chuly very clock da the vy, young pipeline 10,15x5+0,86x4

Quyết Tâm

him st.	1000 \$6,50 1600 2F	\$6) 2, \$2 5 C \$ L) 2 P B X 2 F 2 U	UEU US COCO COCO COCO COCO COCO COCO COCO CO
h)	w 35, - 16	(\$6)	ex men ws
him on	pop 60 85, -16 C add 85, 85,	\$5)	

HP Support Tochical Support Warranty Oter Three David gater / Sup
10 85, 16(95) PF 20 24 MEM UB 10 95, 16(95) PF 20 24 MEM UB 10 95, 16(95) 20 20 20 20 20 20 20 20 20 20 20 20 20 2
20 a la 91,40 C46) add 86, 82, 82 box 86, 50 (\$1)
1 81,60(86) IF ID EX. MAN UB
and 86, 82, 82 IF 10 Ex MEM MB
W 86,50,(81) IF FO BX MEM UB
10) (n \$6, -16 (\$5) NOP Su \$5, -16 (\$5) Andd \$5, \$5, \$15

16, -16 (\$5) 27 JOBY MEM UB NOP 16 (\$5) PO YEX MEM UB JU JE, 85, 85 27 DD BX Way MB chusi no forwarding 0) w 81,40(S6) edd \$6, 82, 82 Man mas of the high 9×300 22400ps co gornardra 81 40 (86) add \$6, 88, 82 86, 50 (\$1) 7x 400- 2800ps toty to day to so year note to by they the he gornardry 9x200 1800 Quyết Tâm

Cor 2	w d
a) lu \$1, 40 (\$6) ad \$6, \$2, \$2 nep So \$6, 50 (\$1)	
(n) (n) 813, -16 (45)	
SU \$6, -16 (85) and 85, 85, 84	
1 ty usi ALU-ALU yora and ing: 8x325= 9600pg	
b) by wh ALW-ALM gornarding 9x990-1950 10 tring to cotatoto: 1800 -0,91	75
Ba13	

W SI, LOCS2	CO somaning Ins
add \$1, \$3, \$3 nop nop add \$1, \$2, \$2	9dd 82, 83, 83 9dd 91, 82 50 91, 80 (92)
100 00 SJ 90 CS2) 100 000 SJ, 82, 83 100 100 100 100 100 100 100 100 100 100	and \$1, \$2 \$3 Sw \$2,00(2) was 1,4 (32) and \$2, 82, \$2
ngp ada 92, 42, 91	

Quyết Tâm

OT C W SI, AD (96) POP 12, St., St. end St., 86, 94 POP 12, 80 (V1) dold SL, SI, St. POP 12, 80 (S1) POP 12, 80 (S2)	add 92, 83, 91 add 92, 83, 91 add 92, 86, 84 w 92, 20 CB4) add 92, 83 su 91,0 C\$2) w \$1,0 C\$2 nop add \$5, \$5, 82 Sw \$1,0 (\$2)
The second secon	