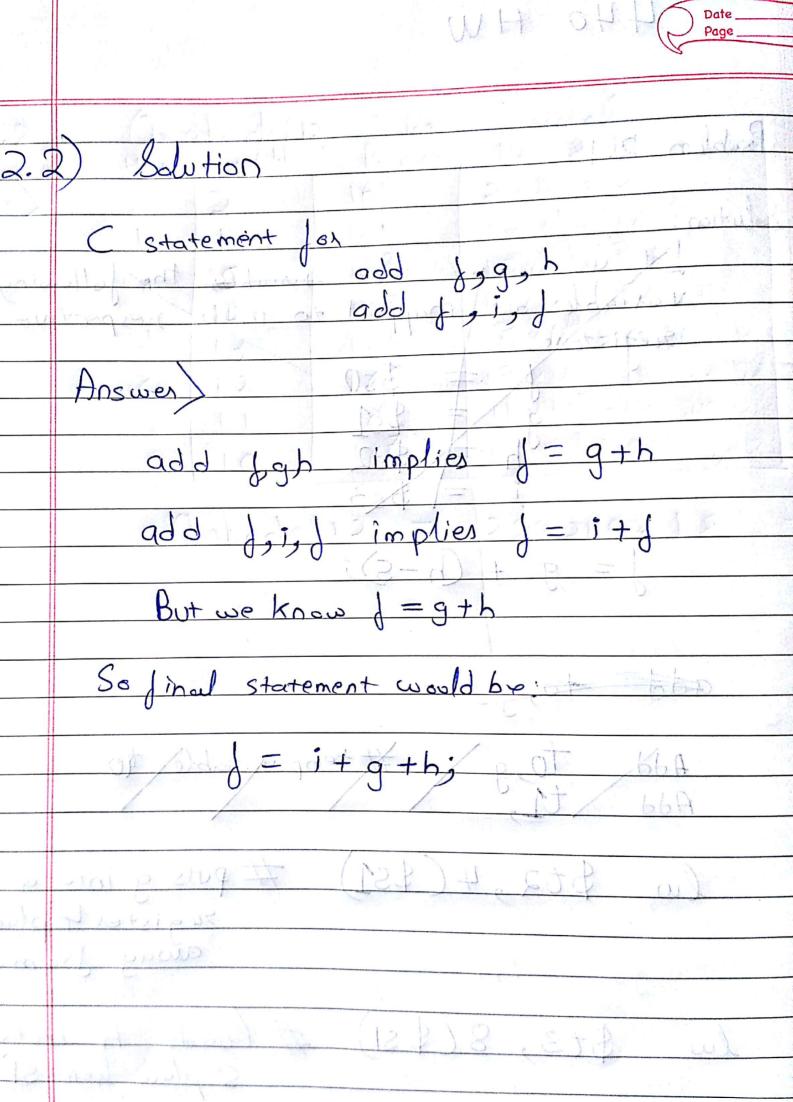
TEJAS JNANESH GHALSASI

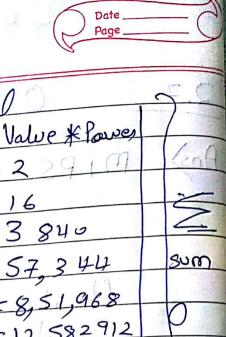
CPSC 440 ASSIGNMENT NUMBER 1

	Problem 2.12
	1
	Solution:
	Let us assume that wariables the following
	variables are mapped to their respective
-	registore.
1	\$ \$50
	9 7 851
	\$ \$ \$ \$ \$ de 121 h/b0
	1 = \ \$<3
1	Physics As haring mine by the pure both
	J = g + (h-5)
_	AFR = Jung/ Tung
1	
1	and togge who we transported have go
1	not to a temporario Was to
	Add to g # temp variable to
	1.00
	lw \$t2,4(\$S1) # puts g into a
	register 4 places
	register 4 places away from SI
	lw \$t3, 8(\$sI) # loads h into 8 places from SI
	8 places from SI
	Ans addi \$ t3, \$t3, -5 # perjorms h= h-5
	in +3
	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	add \$t1, \$t2,\$\$ #performs f = 9+(h-5) SW \$t1, 0(\$s1) # stones results.
	SW \$t1,0(\$s1) # stones results.



2.7	Oxabedel 12th stable 2.5
	Place & word of the control of the control
Ans	MIPS is big-endian [MSB in the hall
7	value has the lowest
	byte in memory]
AN .	BUTATA FOR COUNTY STATE BOOK STATE OF THE STATE OF
	Oxab #comes first in memory
	Dyrd # 15 nort and so an
	500 SE 181= 1018 11 1 1 1 1 1
	050 x 1 2 0 = 5 31x 191 1 1 1 1 1 1 1 1 1 1
	For Little Endigo the LSB in the h
	value bas to is Stored first. Coppesite glabi
	So the sequence is
	0.12
	O x e
	O vica
	0 x ab
	U x qu
	7 7 5 11 (17) 37 5

MA ASSESSED A



0	(- h = 1=(1)	2 into	decimal	
2.8	Hex	a bodel 1		Hex & Value & lower	1
Ins	riex	Dien T	Power	2 x 16° = 2	- (
INS	94 41		16'	1418 = 16	- 2
	VIII VOLVE		162	15 x 162 = 3 840	
1 1600	e	14	163	$14 \times 16^3 = 57 - 3 + 4$	31
	9	12	0 164	13×164 = 8,51,968	
	Ċ	12	165	12 ×16 = 12 582412	1
,	L	11	166	11 × 166 = 184 549,376	
	q		167	10 x167 268,4 35,4560	
			10	1 1110	- 11
	(1)	xabcdel	12 =	28,8 2400018	
sat /	2007 1	XADCOC		Jalo V	
1	1.54	5 534	21 20	10 1192 -11 02	
			21 21		
				CI=O	

Classmate

Date ______
Page _____

\$50 B[8] = A[i] + A[i \$t0,\$33,2 #\$t024xi SII \$t1, \$4, 2 # t1 = 4 *j add \$t0, \$t0, \$s6 # address of Asi]
add \$t1, \$t1, \$s6 # address of Ai]

(w \$t0, 0(\$t0) # t0 = A[i]

lw \$t1, 0(\$t1) # t1 = A[j]

we assigned & loaded. and \$to, \$t1, \$t0 # to = A[i] + A[j]

> addi \$t1, \$s7, 32 # address of B[8] $8 \times 4 = 32$ sw \$t0, 0(\$t1) # B[8] = A[i] + A[j]