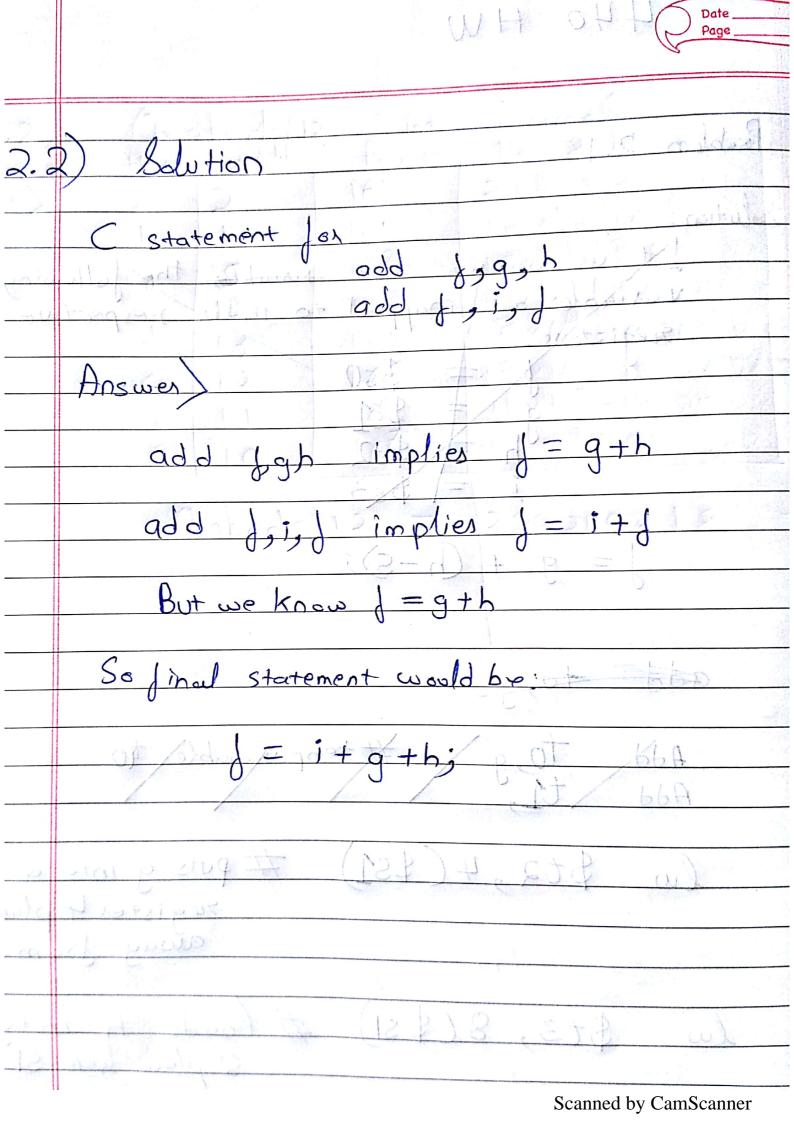
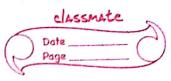
	Problem 2.12 A Cost 1 Cost 1 Cost
	Solution:
	PRINCE DE LA CONTRACTOR
	Let us assume that variables the following variables are mapped to their respective
	registore.
	± \$50
	1 + 50
	\$52 da ballibre
	\$ 2 C
	- Plenis = 45 milania Mataba
	j=g+(n-s)
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	and toggina tongetate had ac
	an to 1 Ht to
	Add to g # temp variable to
-	Add t1,
-	1 \$+2 11 ( ¢ c1) # Outs = i.
-	lw \$t2,4(\$s1) # puts g into a
	register 4 places away from SI
	away from S
	A = A = A = A = A = A = A = A = A = A =
	lw \$t3, 8(\$s1) # loads h into
-	8 places from SI
	Aus addi \$ t3, \$t3, -5 # perjorms h= h-5
-	in +3
	The second secon
	add \$t1, \$t2,\$3 #performs = 9+(h-5)
	add \$t1, \$t2,\$\$\$ #performs f = 9+(h-5) SW \$t1,0(\$s1) # stones results.





2.7	Oxabedel 12m subside 0
	The second of substances
Ans	MIPS is big-endian [MSB in the hall
	value has the lowest
	byte in memory]
Mary L	THE PROPERTY OF STREET
	Oxab #comes first in memory
	Oxed # is next and so on.
	SO SE -81= 3 11 8 10 8 11 8
	00 x 1 2 0 5 3 1 x 1 1 1 3 1 0 1 P
	For Little Endigo the LSB in the h
	Value has to is Stored first. Copperite glabil
	So the sequence is
	- me sequence is
	2 0412
	N v ol
	O x e
	U X CO
	0 x ab
	Man Bit 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	The second of th
-	

	DatePage	
		5
2.8	Oxabodel 12 into decimal	
	Has whalf Passes They water & laws	Cons
Ans	$\frac{16^{\circ}}{2}$ $\frac{16^{\circ}}$ $\frac{16^{\circ}}{2}$ $\frac{16^{\circ}}$ $\frac{16^{\circ}}{2}$ $\frac{16^{\circ}}{2}$ $\frac{16^{\circ}}{2}$ $\frac{16^{\circ}}{$	-
Nower J	16' 1×18' = 16	2
- Lyses	$\frac{16^{2}}{16^{2}} = \frac{3840}{15 \times 16^{2} - 3840}$	Sum
	$e 14 16^3 14 \times 16^3 = 57,344$ $e 14 16^3 = 57,344$	
		P
	6 11 116 - 194 549 221	
	107 107 10417 26041254560	
	4 10 16° 10 x16° 208,4 B3,72001	
4	Oxabcde/12 = 28,82400018 -	
The lasting	1001 5- 11 1 1 2 - 21 1 2 d 2 d 2 d 2 d 2 d	
	St 200 1032 34 05	
	SIND SAME	
	O x e	
	18 / 10 / 6 15 X O 14	
	1 1 1 1 1 1 1 1	
\		
-	- Like J. J. S. St.	
1		

2,9	
/	\$50
	g \$s1
	h \$52
	<i>i</i> \$ s 3
	J \$ 54
	B[8] = A[i] + A[i]'
	Solution: Frank 188
	The first property of the second seco
	s 1 \$t0, \$3,2 #\$1024xi
	sl1 \$t1, \$4, 2 # t1 = 4 *j
	-11 8+0 8+0 Rel H 11 1062
	add \$t0, \$t0, \$s6 # address of Asi]  add \$t1, \$t1, \$s6 # address of Ai]  w \$t0, 0(\$t0) # t0 = Asi]  lw \$t1, 0(\$t1) # t1 = A[j]  # we assigned & loaded,  add \$t0, \$t1, \$t0 # t0 = A[i] + A[j]
	\$ + 0 = 0 (\$+0) # +0 = A37
	$l_{w}$ \$t1 . $o(\$t1)$ # $t_{1} = A[i]$
	#weassigned & loaded.
	add \$to, \$t1, \$t0 # to = A[i] + A[i]
	addi \$t1, \$s7, 32 # address of B[8] $8 \times 4 = 32$ sw \$t0, 0(\$t1) # B[8] = $4[1] + 4[1]$
	$8 \times 4 = 32$
	SW PTU, U(\$T!) # BL8] = #[i] + #[j]