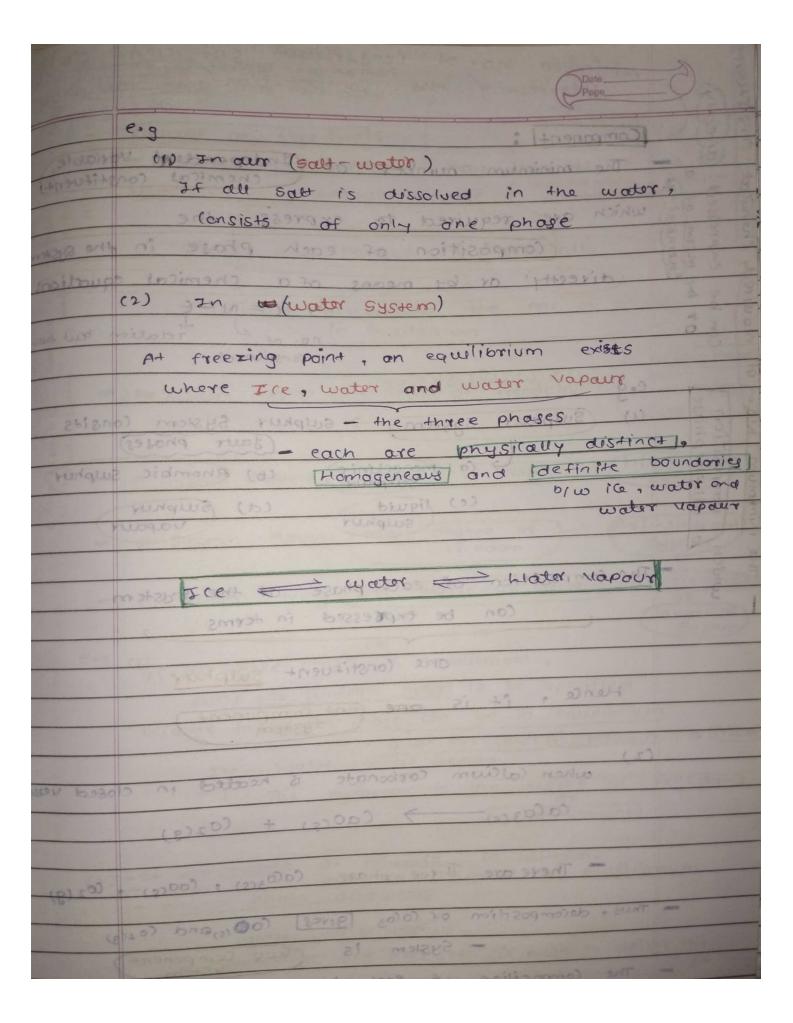
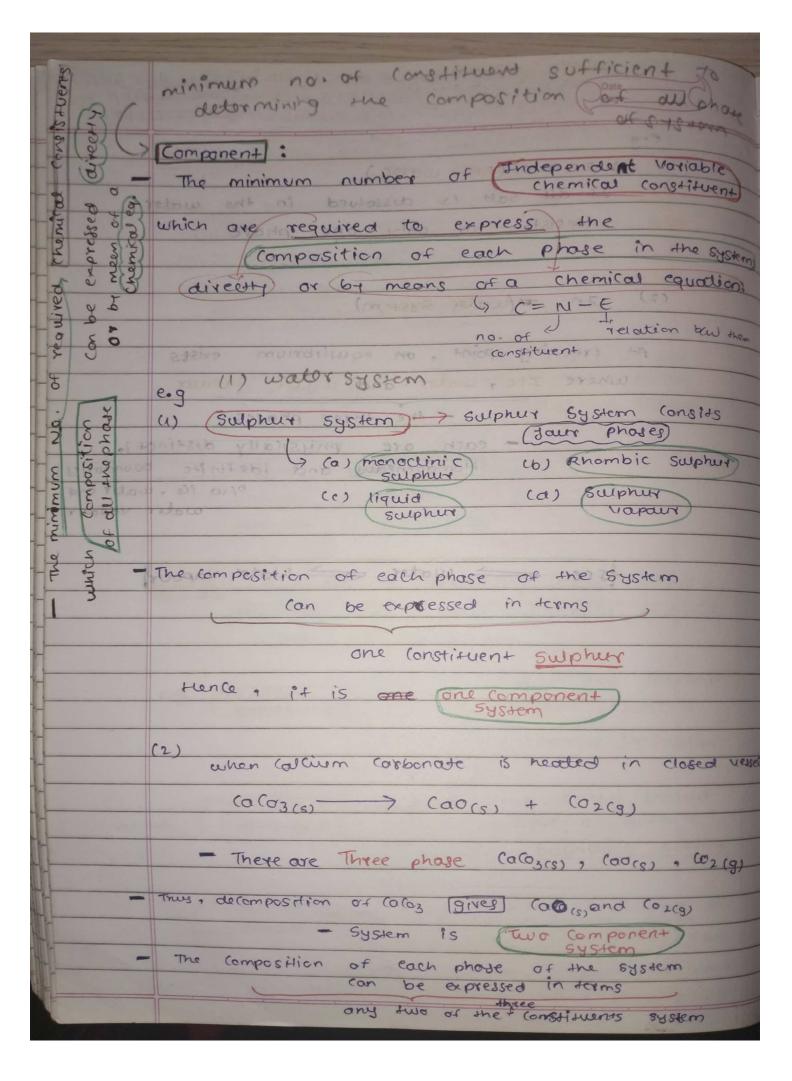
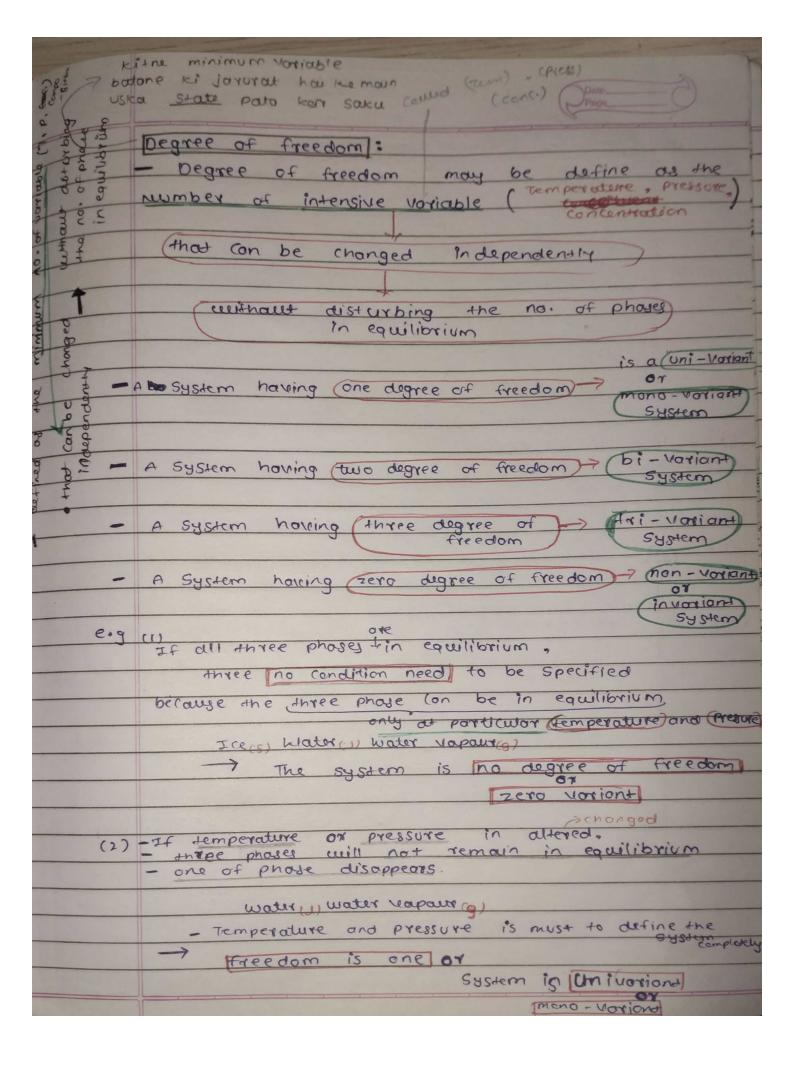
willord gibbs 6. Phase RWE kira ja sakta har Page	9
) can calculate (effect) of (temperal	ure)
pressure and Concentration quantito	tively
on a heterogeneous system	
Pan	
chemically homogeneous	
phase :- A phase is Homogenaus, physically	y distinct
, mechanically separate part of the s	
is called phase.	
e.g water System.	
	101111111111111111111111111111111111111
Component:	

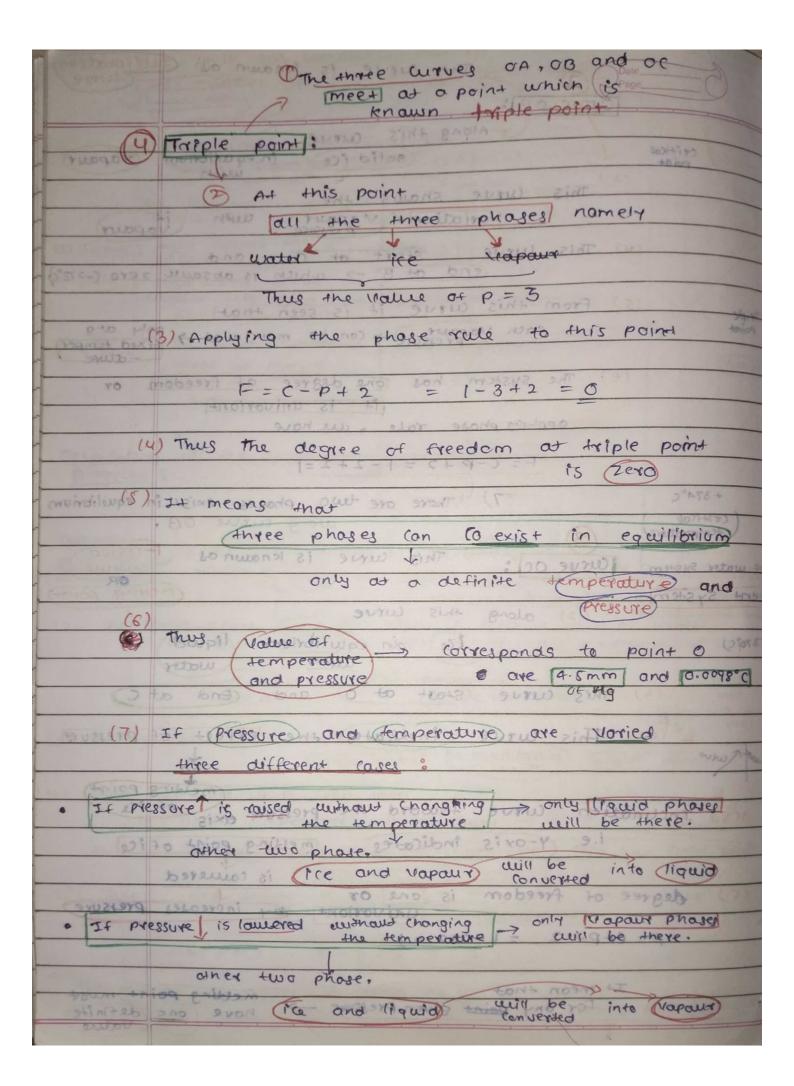
of des	Thate temperature and preisure, the number mode great of freeding
1500	GIBB'S PHASE RULE! - not affected by external from
#	
	When a heterogeneous system in equilibrium influenced by temperature, pressure and
	(Concentration) But
	not influenced by [Elecitrical, magainetic force]
	gravity or by [surface tension] etc.
	F+P=(+2) all universally persent Hetero genous system,
	F+P=(+2) all universally persent
	o receip genaug system,
	F= number of degree of freedom
	P= number of phase
	C = rumber of Component)
	phase: A phase is tenemically homogeneous,
	physically distinct, mechanically separate
	part of the System
	System has identical
	eng the mitally means physical properties
	Chemisal someonis
	Chemical Composition
	physically means the phase should have a definite
sepe	have a definite boundaing surface
	Dawn daily of the
	mechanically) seems Each phase can be
	separate from
	every other phase
	by (filtration), decontation
	hand Picking, etc.

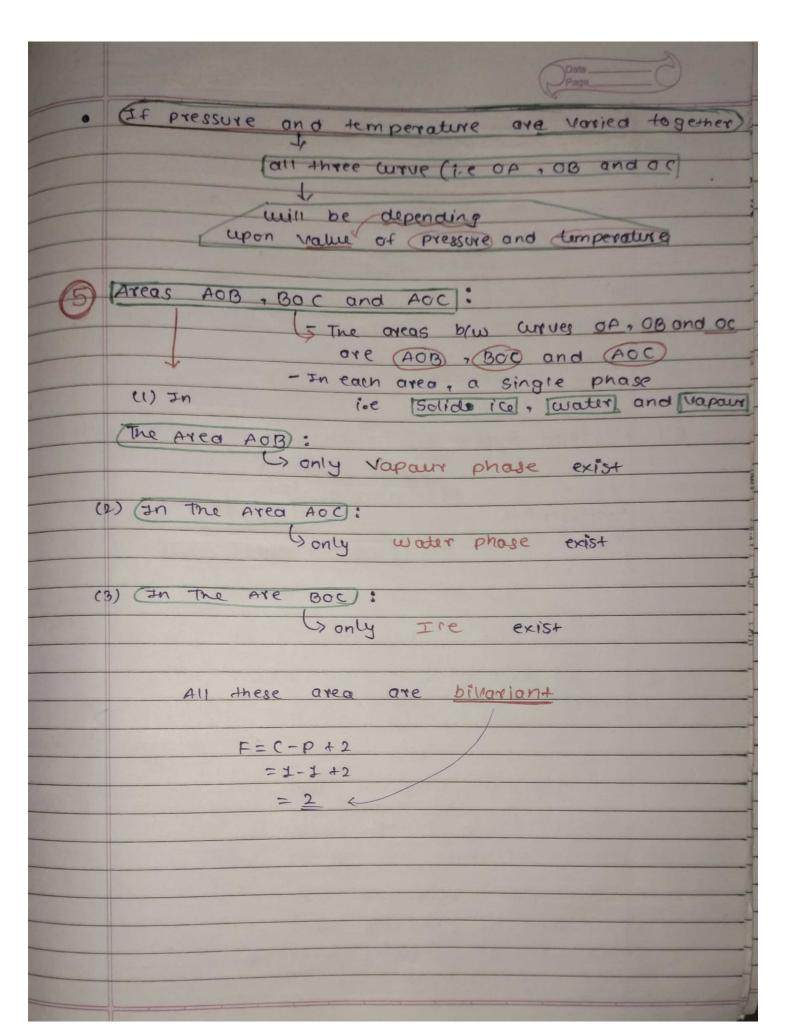




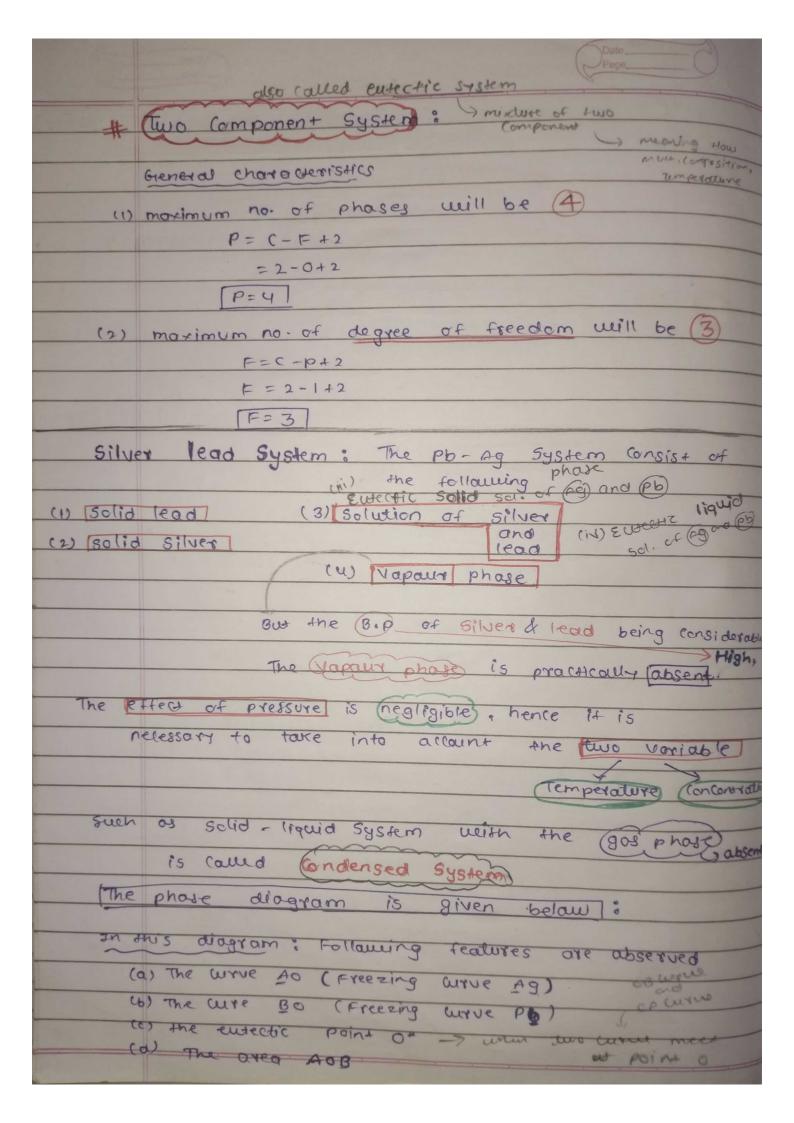


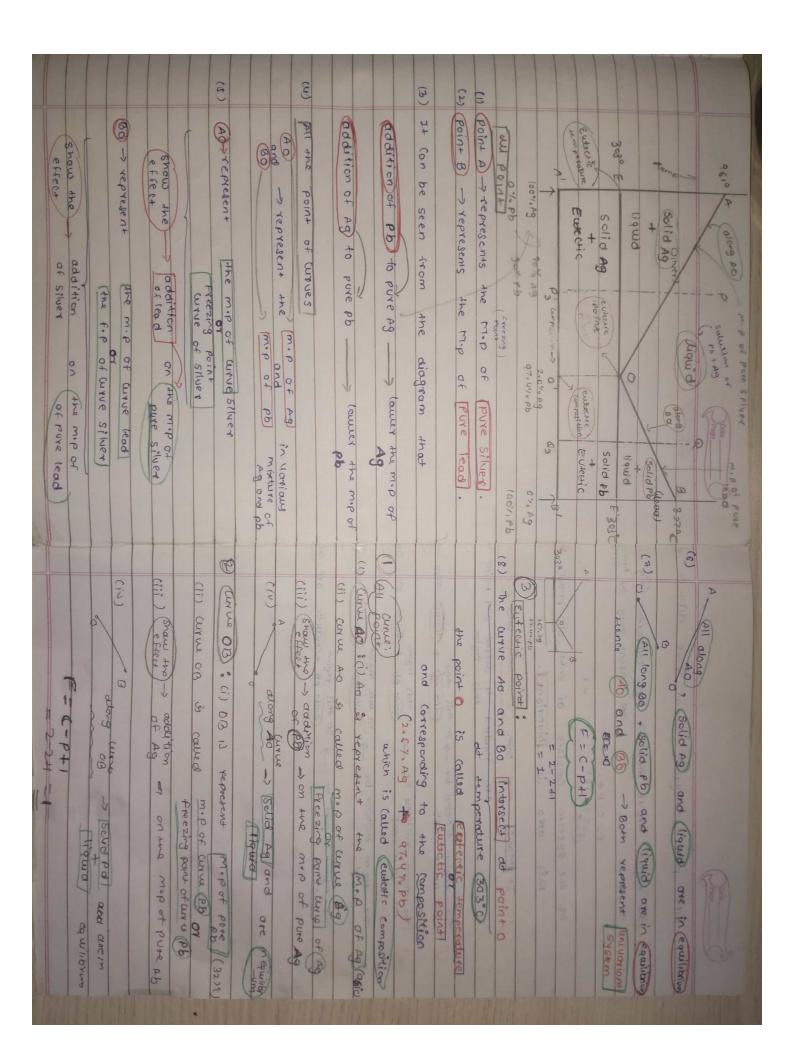
The number of phases is taken as two because liquid water and vapour	F=C-P+2 = 1-2+2 = 1	is face or this	freedom on a	Street of two by	C CALLYFORD MIDOUN 400	any given temperature, there exists	(4) From this Curius It is seen that	Mqwd water in	(3) along this amue there exist	Cy the o	remaind the light of temporature	and end at A which is	(2) The Wilve Stort from O+2 which is fre	1	reforms of the state of the sta	CHURS:	( a) saluta	Biogram .	Description of the phase &		triple point.	meet	three curves	AOC AOB BOO ALCON	ng ves	(1) Turve : three curves are (a.) persure		230	one Component System:	Solid	THE IS ONE COMPONENT SHEETINGS
Exist along the armage		Universion+)	point in this wave (6) degree of		also ha	-> fixed value of sist Inclination	N. S.	equilibrium water vapour.	Constant Ment	o phase liquid water	with and grands, C	as temperatu	of water.	16.0	The phose diagram of water System	Programs (control of the population)	73°C	250	1,1000	Start of the start	A Light (6)	Vapour	freezing Point	Rice (5)		Constant of the second	Ente By		Cartico	gases Hapaux	Towards Translation
For any paint given pressure - nove one definite value		灰	f freedom is love or	Crutis	e 1-0xis indicates melting point of ice	Six anossald and biograph dxis	mething point	The desired that the second	This wave indicates the effect of pressure	is the start of o and sond of co	Martin and Martin	rium (li		The state of the s	18 Known of	Suoro	haded ex	7 - 5 - 4 - 7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	to mobsett to	appling phase rate, we have	1		d - 1000 p	From this curve it is seen that	end at 80 -> which	ana	This curve shows the	with with	Anada Anisquas of State State	0	finally is length of Subj





1+d-7=4	of silver	(a) The over ABB> when the Cores meet
Lemby)	show the addition on the mip of	o chreezing with
about were -> (sough pd) and warm	(the f.p of curve stiller)	the write Ao (Freezing write
(14)	(BO) -> represent (The m.p of Give lead)	10
(iii) ( effect) of Ag on the map of pure	6+166+	Thomas San
Shaw the addition	the addition on the mip	Condensed System)
(11) con the parties of any of con the	0	Was Re proper a grade
( Con us OB): (1) 0B 13 represent map of pore	(4) (A) TEPRESENT INTO THE WIND OTHER	
Towal .		(competative) (concernation)
and bus By Bring (- of Brone ore	(g) Mixture of pb mixture of	necessory to touce into account the two variable
0	-> represent the m.p of Ag) in	f pressure is (negligible), hence
(iii) (shaw the) - addytion - on the mile of one	a point of curves	
The state of the s		The Vacant share is eractically labeled.
(ii) Curve AO & Called	addition of Ag to pure pb > (autex the mip of	But the B.P of Silver & lead being considerably
(a) An an very open +	1	
(1) (All points) which is called condent composition	addition of Pb to pute ag (amount are mix of	(w) Napaur ph
+ 97.4		(1) Rollid Silver lead (14) 20 cf (3)
and corresponding to the composition	(3) It (on be seen from the diagram that	- Neuson
Eutochic F		the following of feel and (b)
the point o is called Extension temperature	(2) Point B) -> represents the M.p of Pure lead.	
ad temperature (303°C)	(1) (Point A) -> represents the M.D of pure Silver.	F=3
1.0	and both by the same	E = 2-142
3 ETTERNO SIFTER	Q7.47. Pb	F=C-p42
167.09 E 7-241	2.6.7.69	(2) maximum no. of dogree of freedom will be (3)
3020		P:4
E=C-p+1		22-0+2
0.00	Solid Ag Eulesite & Solid +b	P= (-F+2
tions ( and ( ) -> Boun represent	P. mon	11) maximum no of phases will be (4)
(7) (All long BO), Solid Pb) and liquid one in equilibri	Howard + Scholes	Tes
0 0	d Aginery	
(6) AO, Solid PO and (hours one in couling	(Lample)	The Cam
A Jan abaa	Service of Contract of of Con	also called enterte system





	The region enclosed by	Consists of only one phase in  it by -> In this region  to define any point in  the required to define any point in  the required to define any point in  the required to define any point in  the region that region along the steeps	This phase diagram show five distinct region  The region above AOB -> two component (A) and (B)  F=C-P+1  are present only of homogeneous frequents of
The Wife of Chine Street of Ch	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	

