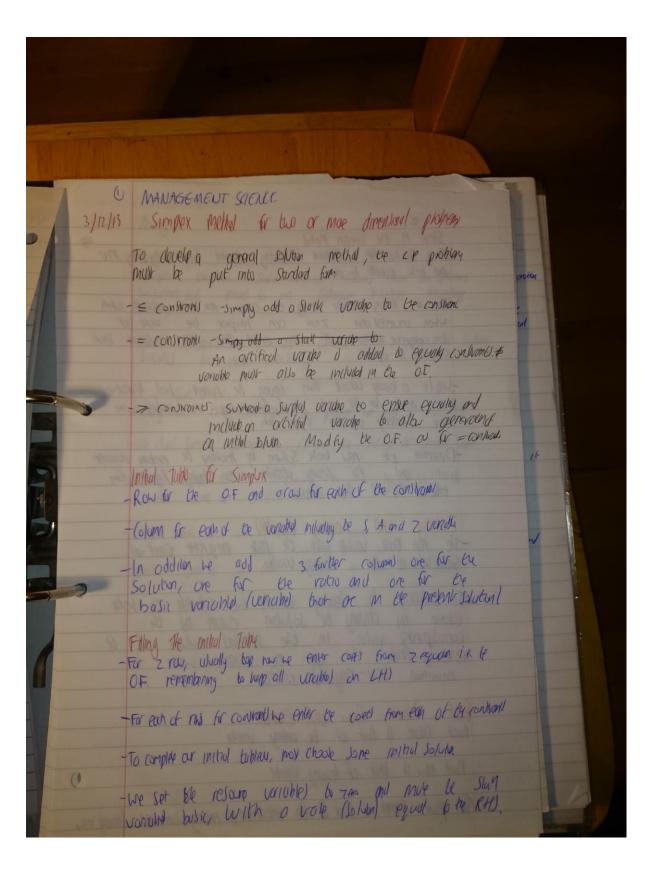
3 Mong Si. Raviun	
	1
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in terms of these vortable which meets the objective of the execute	
- Identify all the Ham that constrain the problem.	ef.
- Express these constrained in the form of linear equalities/inequality of the dailing landles	
Graphical Solution him birmoding and was report while At	
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-To colculate optimal solution calculate all the corner point	16
OR U4 the 150 Further lines	
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Sensitivity Oralysis for Graphical Solution This determine how sensitive the optimum solution is to changes m: The objective function will be optimal as long as the sign of the binding	
constraints	1
- the R+1s ronges for be binding contrained	714

Feasible Region Feeling region for a two venuite LP can be non-existent a single point, a lire, a polygon, or unbounded once - Any CP FOILS IN one OF 3 categories: - D infeosible -hos a unique optimal solution or alternative optimal solution. -had an objective function which can be warrated without band. A fooling rigin may be unbounded and yet there may be optimal Solution This is common in min problem) and pishble in mox probent Sperial caps -Altenolog optimal solution In graphed methos, if a.f. tire is parallel to a boundary construct in the direction of optimization, there are alternative optimal solutions with all point on the line segment very opin! -Infectibility A LP which is overconstrond so that no point setisfic oil the constraint is said to be intensible -Unboundedposi

3/12/13	3 Moraygran sin		
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Steps in the simplex Metal -Using Standard Files, deleted a Starting Frontier Soften by setting MW non book variable to zer select on entery variable among the current non basic works which when increded the zero can improve the vide of the objectie arction. It note exist Sop, the current but Solution is optimul - Select a leaving vericel and among be consist but wante that must be ser to zer becoming non muchal was -Delever the new bosic solven by morry be entery variate bank and be leavy voluble non hom. Report from the second sep three Enterny and Leaving Variable) The non basic values with the most negative coef is Column by diving he solution colum by the control column by the solution column by the entermy variable to get the variable with the minimum (non-negative) ratio. Prot Column Row and Element Prot Column B that of the animay centry Proof raw is knot of leaving variohe The pind demor I that It be intersected of entury colors on large was

4/12/15 Mory Sc. Simplex u. and Simplex - Simplex procede Rais with a finite but non optimen Solution and most is on opinion sever morning fee Jihry - Due Simplex Staty with on spine tret interible solling LUNG to dear measibility We of Dual Simplex -Adding on extra consion to problem he add to fool table - Use dual simpox procedue to elimina to need or oritizal was Instally regret all to convolut in the by (ED) Elimina need a ortifial unables - Original from of LP 15 coiled the print -TE Oval is LP derial computer from print - Optional work of the deal is equal to know of the primate