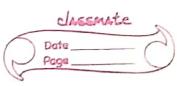
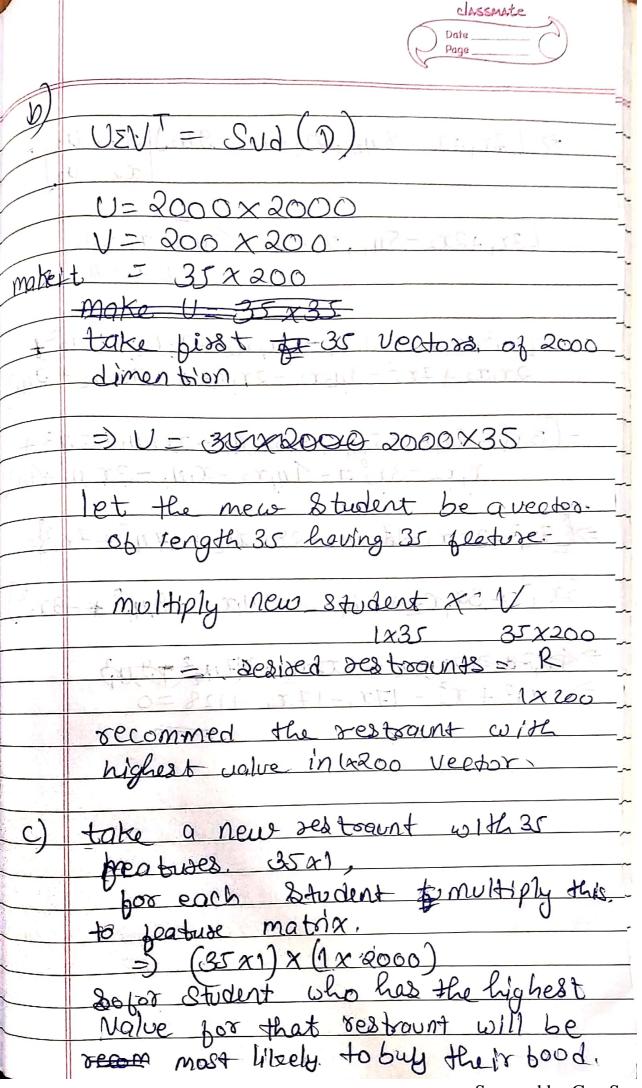


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	Page
	$7x_1 + x_2 - 8y_2$ , $2x_1 + 7x_2 - 9y_2$ $x_1 - y_2 = x_2 - y_2$
$\Gamma_3$	$x_1 + 2x_2 - 5u_1, x_1 + 3x_2 - 4u_1                                   $
⇒ <del>7</del> 2	(12+4122-842x1-7x142-x242+842+342)
	$\frac{2}{3} + 2x_1x_2 - 5u_1x_1 - 3x_1u_1 - 2x_2u_1 + 5u_1^2 + 2x_1x_2 - 3x_2^2 + 4u_1^2$
=>{72,2	+3x,x2-12x,112-28x2212+17112+7x2}-
$3x^2$	+3x1x2+811,x, -911,x2 +911,2 =-3x22)
7 212	+ x2 - 17x, - 17x2 +128 =0

0.20) The diment rank of D should be 35, Since these are only 35 kind of families Sending their Children hence there will be multiple Students who will be Sending thier children who have Some eating habbits and they all can be represented as Linear combination of one-another, if Did is no of times Student order food from the sest sount then the values will sust scale by the jactor but Still although the motor might get bull sank but mostly 35 values will be dominating over others.



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C= (2/50) (2/50)  $C = \int_{-\infty}^{\infty} \left\{ (x - \overline{x})(x - \overline{x}) \right\}$ for any u,  $U^{\mathsf{T}}C_{0} = U^{\mathsf{T}} \mathcal{E}_{1}(x-\overline{x})(x-\overline{x})^{\mathsf{T}}\mathcal{G}_{2}$ =  $E\left(u^{r}(x-\bar{x})(x-\bar{x})^{\bar{r}}u\right)$ Where,  $\alpha = U^{T}(x-\overline{x}) = (x-\overline{x})^{T}u$ °°° 0°2 ≥ 0 => UTCu= 52 > a Dit és PSD (Positive Semi Depinite)