	Rebella Dias TECMPN A 19/182027
	(3) b) X Y
	10 43 39 13 19 32
	$\frac{23}{28} = \frac{21}{28}$ $\frac{2}{10} = \frac{23}{10} + \frac{19}{10} + \frac{23}{10} + \frac{23}{10} = \frac{23}$
	$\bar{x} = 10 + 19 + 19 + 23 + 128 = 23.8$ $\bar{y} = 43 + 13 + 32 + 21 + 20 = 25.8$
	5/0) 1(7 = phop) (mid) 2
=FS	mean adjusted matrix A = 1-13.8 17.2 15-2 -12.8
(a) phal	-4.8 G.2 -0.8 -4.8 1-2 -5.8
	$C = AT. A$ $= \begin{bmatrix} -13.8 & 15.2 & -4.8 & -0.8 & 4.2 \end{bmatrix}$
studis	17.2 -12.8 -06.2 -4.8 -5.8) -13.8 17.2 18.2 -12.8
	-4.8 E.2 -0.8 -4.8
	$e = \begin{bmatrix} -4.2 & -5.8 \\ -482.2 & -482.2 \\ -482.2 & 6554.8 \end{bmatrix}$
	X and y are negatively correlated because $(y,y) = (y,x) = -482-2$