* Assignment -2 J=matb 2y= MEn+16 Ea = MEn+6 =) 7 m3+6 GEB on mong -) Also, m = (ovarione (x,y) = SSID Garano (x) SSIZ Ssay = & (ai = a) (di - d) $Ssn_{\pi} = \frac{2}{2} (\alpha_i - \overline{\alpha})^2$ -) Also, 5-7 = ma -) For the olsare date: 1 = 5+6+7+6+9+8+10+12+12 = 83 =8-3 7= 0+2+4+6+9+11+12+15+17+19 = 95=95

vision

 $\frac{-3}{55} \frac{55}{3} = (3-95) \left(5-8-3\right) + \left(2-95\right) \left(6-8-3\right) + \left(19-95\right) \left(12-8.3\right)$

-) SSxx = (0-9:5)2+ (2-95)2+....+ (19-9.8)2

=) For the alean doly:

Exy = 923, Ex = 1272

 $M = \underbrace{n \, \xi \, \alpha \, y} - \underbrace{(\xi \, \alpha) \langle \xi \, y \rangle^2}$

 $m = (10 \times 923) - (95)(83) = 0.3591$ $(10 \times 1277) - (95^2)$

 $5 = 9 - m\bar{x} = 8.3 - (0.3591)(.9.5)$ 5 = 4.8881

· Regression eq :-

Z=035917+4.881