		Assignm	rent-19 = (8-5) = (5-10)
Data	set:-	y	-13(5-2)+(2-2)=·
	Weigh	t price	JC+ ROI - R + 12 + 764 - 70 6
1	2	35	= 85 +201 - 101 -15 + 28 =0
	4	60	0= 83 +0 01 -00 -01-16
	5	1 20	
	3	50	
	6.	50	
	5.	55	
	7.	60	

Formulan,
$$J = mx + c = predict output$$

Herre, $m = \frac{NZ(ny) - (Zn)(Zy)}{NZ(n^2) - (Zn)^2}$

$$(3 \times 50) + (4 \times 60) + (5 \times 20) + (3 \times 50) + (6 \times 50) + (5 \times 55) + (7 \times 60)$$

= 1405 1555

$$2x = 2+4+5+3+6+5+7 = 32$$

 $2y = 35+60+20+50+50+55+60 = 330$
 $2(x^2) = 4+16+25+9+36+25+49 = 164$
 $(2x)^2 = 32^2 = 1024$

$$: m = \frac{1405 - (32/330)}{1924}$$

$$: m = \frac{7 \times 1555 - 32 \times 330}{7 \times 164 - (32)^{2}}$$

$$= \frac{325}{124} = 2.62$$

and
$$C = \frac{2y - m \le n}{n}$$

$$= \frac{330 - 2.62 \times 32}{7}$$

$$= \frac{330 - 2.62 \times 32}{7}$$

4 45:09+20.16

1-13/16301

0 P 33 =

10,01

76.84

76.3

33.0 -1

6.80

01:40

Task: 13

1
I
•

Task: 3

We Know.
$$MSE = \frac{1}{m} \stackrel{n}{\underset{i=1}{\not\sim}} (Y_i - \hat{Y}_i)^2$$

$$(Y_i - \hat{Y}_i)^2 = (-5.40)^2 + (14.35)^2 + (-25.26)^2 + (6.97)^2 + (-0.88)^2 + (6.73)^2 + (6.49)^2 - (6.49)^2 + (25.29)^2 + (25.92)^2 + (29.6)^2 + (29.98)^2 + (29.6)^2 + (29.98)^2 + (29.6)^2 + (29.98)^2 + (29.6)^2 + (29.98)^2 + (29.6)^2 +$$

$$\frac{1. \text{ MAE} = \frac{1}{2} \frac{2}{14. - 4.1}}{\frac{1.1}{14. - 4.1}} = \frac{1.1}{2} \frac{1.1 - 4.1}{2} \frac{1.$$

= 9.87 (AMS:-)