4				
	Assignmen	Assign ment 2-1-00) (STOPE) (X-X) (Y-Y) (X-X)		
	Weight	Price	$\sum (x - \bar{x})^2$	
	2, 17	2.35 128.	No. of obserbation N= X	
	88 A 811	060	20000000000000000000000000000000000000	
	5	20 1208	$\Sigma X = 2444543464547 = 32$	
	3	50	X = 32 = 1.5 7 14285 7)	
	6	50	5Y = 35+ 60 + 20 + 50 + 50 + 55 + 60	
_	5 5	55	= 330	
	(1531) <sup>2</sup>	1		
7	17-F)+(F	982K129		
	·=(x-x)	(Y-Y) = (	2-4.5 \$   1285 \$ 1   135-47.14285 \$ 11)	
			51.221109/18	
	1/x-x)	4-9)=(9	-4.571428571) (60-47.14285719) 7.346938772	
	The state of the s			
	(x-x)\	47)=(5-	1.63265307	
	CELL	E16 22	1.6326330X	
	2 (x-x)	(4-4) = (	3-4.571428571) (50-47.14285714)	
	7 1928 57	13. H. 7. 1	11.489795922	
	(x-x)	(9-9)=	1.08/632658 - 11 CE CHI. XIII. C. 5710	
	(~-=)	(4-4)=(	5-4.57.1428571) (55,-47.19285719)	
	3-03	35.1612	3.3673469436 not soing botoibong	
			(3-4.571428571) (50-47.14285714) -4.489795922 (6-4.571428571) (50-47.14285714) (6-4.571428571) (55-47.14285714) 5-4.571428571) (55-47.14285714) 3.367396943	
			82763638 - July 82363638	

4)=(7-4.57)428571)(60-47.1485714 31.22448981 TUBINA

E(x-x)(y-y)=31.22448978-7.346938772 4.081632658 -11.63265307-4.489795922+ +3.367346943 +31.22448981

= 46.42857143

Z(X-X)=(2-4.57/42857)) + (4-4.67)428571) + (5-4.571928571)27(3-4.57142857))2 +16-4.571428571)2+ 1428571)2

217.71428572

will

= 35.16129033

Prodicted Price ton the weight 6 42mx+c=2.620967741x6+35.16129033 = 50.88709678

```
ton residuals
     residual = y - 9 - 1812 88 + 3 × 18 F F 1805 3 . 9
                            8 FJMJ 8 8 J B =
    JOR 2=2
    9=2.620967741×2+35.16129033
      =40.40322581
    Mesidual = 35-40.40322581
        =-5.4032258 PE+ 3 x 14FF 2000 2 2 P
     9=2.620967741 x4 +35.16129633
=45.64516129
    for x= 4
    ton x = 5
    ton x 25
     9 = 2.620967741 X5 +35.16120033
       = 48.26612904 Pade 2 28. 26612904
    residual = 20 - 48.26612904 = - 200
    ton 223
    9 = 2.620967741, X3 + 35.16129033 do 10011
SIZZ 43.02419355- N
    residual = 50-43:02419355 = 6.97580 645
                            =9.87327189
```

```
2 (AND 120) + 110/
     Jun X26
      9=2.620967791X6+35.16129033
       = 56.88709678
     residual 250-50.88709678 =- 0.88709678
    ton 225
      9 2 2.620967741 x 5 +35 : 16129033 - 1000mon
         2 48.26612004
    residual = 55 - 48.266 12904
18883438 UI 26.73387096 65191949.64
                    · 0 - 45 · 64216159 =
     ton X27
        922626967741 XX +35.1612903310N61201
         = 53.5686452; EXILEX 20053.9 P
     nesidual = 60-53.50806452001200
             26.401035483-1005-812-05 : Oubiens
    Mean absolute ordin

\begin{array}{lll}
\text{MAE} &= \frac{1}{n} & | 1/1 - 1/1 \\
\frac{1}{2} & | 1 - 5.46322581 | + | 14.35483871 | + | -28.266 \\
904 | + | 6.97580645 | + | -0.88709678 | + | 6.73387096 | + | 6.49[935483]
\end{array}
```

29.87327189

Mean Squared erron

=  $\frac{1}{2}$  ((-5.40322581)  $\frac{2}{4}$  (14.35483 871)  $\frac{2}{4}$  (-28.26612 904)  $\frac{2}{4}$  (6.07580645)  $\frac{2}{4}$  (-0.88709678)  $\frac{2}{4}$  + (6.73387096)  $\frac{2}{4}$  (6.491935483)  $\frac{2}{4}$ 

2 支 大红对, 769355

2167.3099079

RMSE= 167.3099079 212.93483312