Assignment 6-A

84st-living
1180
25,70
770
1960
17. 1

Price(y) Syll-living(x)

221900 1180

538000 2970.

Sample set & Batch 2

Price (4)	saft living (x)
180000	770
604000	1980
	The state of the

- 2) set iteration =1
- 3) Set batch = 1

4)
$$\frac{\partial E}{\partial m} = -(0.5) \left[(221900 - 1.1180 + 1] \cdot 1180 + (531000 - 1.1180 + 1) \cdot 2570 \right]$$

 $\frac{\partial \mathcal{E}}{\partial \mathcal{C}} = -(0.5) \left[(221900 - 1 + 19011) + (538000 - 1 + 2970 + 1) \right]$ = -(0.5) (758152) = -878.076

5) Step length. Arm $\epsilon = (0.1) (-818254225)$ $\epsilon = 815254225$ $\Delta c = -(0.1) (-378076)$ = 378076

6) update n = 1+ 81823422 5 and c=-1+37807.6.

m = 81925423.5 and C = 37806.6.

7) Set batch 1= 1+1
= 2
and 1=2

Repeat 4 :

36 z - (0.5) [(18000 - 81825 + 23.5 * 770 - 37806.6)

, x770 + (604000 - 518 25 4 23.5

x 1960 - 37806.6) x 1960]

z - (0.5) [-3-10532013e¹⁴]

z 1,55266047e¹⁴

Repeal 5:

Step length Am = -(0,1) (1.55266047e14)

= -1,55260047613

DC = -(0,1) (8,33399489e10)

z -8,33399489e9

Repeal 6 :-

m = 81825423,5 - 1,55266049

m = -1,55265229 e'3

C= 37806.6-8.33399489

c = -8,33395708e9