House Size	House Price	Min-Max Normalization								
X	Y	Xnorm	Ynorm	m	С	Ypred	SSE = 1/2 (Y - Ypred)^2	dm = -(Y- Ypred)* X	dc = -(Y - Ypred)	
1000	199000	0	0	0.39	0.49	0.49	-0.49	0	0.49	
1200	200000	0.2	0.005847953216	3		0.568	-0.5621520468	0.1124304094	0.5621520468	
1400	300000	0.4	0.5906432749			0.646	-0.05535672515	0.02214269006	0.05535672515	
1600	350000	0.6	0.8830409357			0.724	0.1590409357	-0.0954245614	-0.1590409357	
1800	360000	0.8	0.9415204678			0.802	0.1395204678	-0.1116163743	-0.1395204678	
2000	370000	1	1			0.88	0.12	-0.12	-0.12	
2000	370000					Total SSE	0.2373242382	-0.1924678363	0.6889473684	
1000	199000									
Step 1 - Norma	ization									
Xnorm = (X - Min) / (Max-Min)					SSE	New dm	New dc	New m	New c	
					iterasi = 0	2.94	0.71	2.42	0.3545	0.369
Step 2 - inisial m dan c					iterasi = 1	1.16	0.24	1.52	0.378	0.414
m	0.45				iterasi = 2	0.48	-0.042	0.9	0.3921	0.445
С	0.75				iterasi = 3	0.23				
Step 3 - Calcula	te Cost Function	- SSE (Sum of S	Squared Error)							
SSE = 1/2 * Sum (Y-Ypred) ^2			Y = 0.45 * X + 0.	75						
					Optimize					
Step4 - Caclulae Gradient descent				Y = 0.39 * X + 0.49						
dm	-(Y-Ypred)*X									
dc	-(Y-Ypred)									
Step 5 - Update	weight (m dan c)								
New m = Old m	- Ir *dm									
New c = Old c -	lr*dm									
Ir = 0.05										