							Prediction W=[10,1,1,1,1]	
Id	Sq. Ft	Lot	Beds	Baths	Year	Price	b=10,000	MSE
1	1826	19378	4	2.5	2005	320000	49649.5	5.22778E+11
2	1050	7500	2	2	2004	185000	30008	
3	1276	12209	3	2.5	2001	215000	36975.5	
4	1040	7658	2	2	2005	319900	30067	
5	1535	4500	2	2	1998	164000	31852	
6	1535	13704	3	2	2001	205000	41060	
7	1040	11143	4	3	2004	340000	33554	
8	1370	13005	4	2.5	1980	260000	38691.5	
9	2036	10207	3	3	2007	227875	42580	
10	2899	13682	3	3.5	2006	438780	54684.5	
Part 3: The reason why squared in necessary in					Part 4: I bel	leve the best t	raining model is	#1, it did not
evaluating the performance of a model is to measure					overshoot the lowest mean square error, and was more			
the distance from the actual value, so if its negative, it					efficient in reaching that answer than training #2, training			
is irrelevant. Another way to do this is to take the					number 3 did not seem to get any better and oscillated			
absolute value, which would make all the numbers positive					between 2 MSE values			
	Pos							
Part 5: The reason that the model is perfectly					Part 6: In order to fix the overfitting problem, we can			
accurate on only the provided data set is because the					employ a method discussed in class, Early stopping. If we			
model is overfit for the training data, and when					stop the algorithm before it makes perfectly tailored			
presented with new data it is too specialized to be					answers to that one data set, it will be more generalized			
correct in its prediction.					and be able to apply its knowledge to different sets of			
					data.			