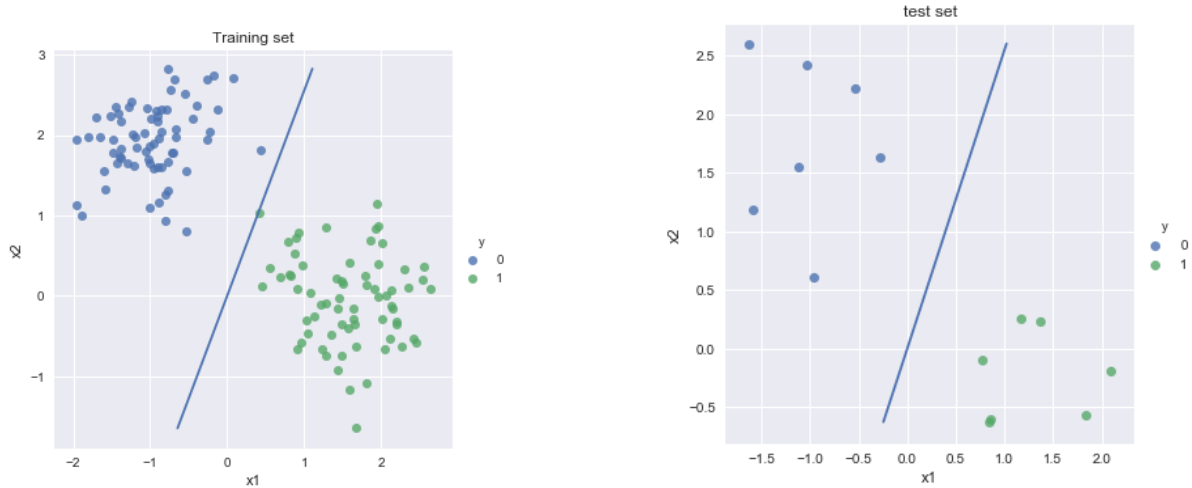


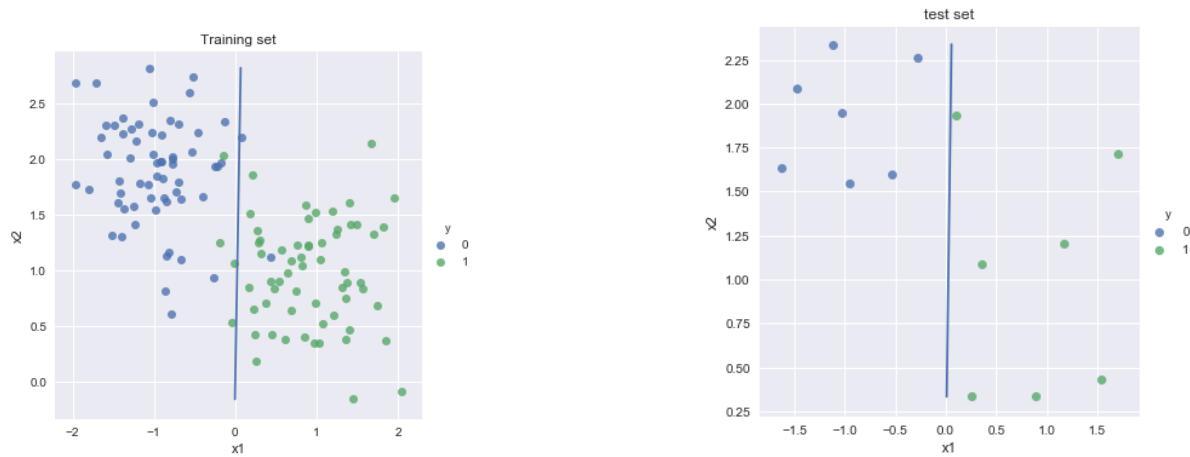
Q7) Logistic Regression Implementation.

Dataset	function value	Iterations	Function evaluation	Gradient evaluations	Training Err	Test err
Data1	0.066343	15	16	16	0.0	0.0
Data2	0.177556	13	14	14	0.047619047619	0.0

Dataset1:



Dataset 2:



Dataset2 has bigger classification error than dataset1 because, the samples in dataset2 are not linearly separable