Question 1		
Record	Distance from the record	Label of the record
6	1.29007933	-1
Prediction		-1

Question 2		
Record	Distance from the record	Label of the record
26	1.36993215	1
21	1.65639809	1
39	2.09803532	1
Prediction		1

Question 3		
Record	Distance from the record	Label of the record
29	3.23194266	1
8	5.03028237	-1
36	5.2278505	1
37	5.23353427	1
39	5.61435592	1
Prediction		1

Question 4		
1-NN Test Error Rate	3-NN Test Error Rate	5-NN Test Error Rate
0.025	0.05	0.075

Question 2.1

(1,-1)

Question 2.3

Question 4		
Testing record	Classifier Output $h_\Theta(x^{(n)})$	Final Output
5	-0.949479	-1
10	-0.991887	-1
15	-0.996641	-1
20	-0.992353	-1
25	0.893525	1
30	0.968980	1
35	0.991332	1
40	0.983889	1