STA 314H1S: Quiz 1

Time allowed: 5 minutes; Total points: 10

Student Name:	Student ID:
hand in your printout togeth	e and ID are also written clearly on your printout, and remember to er with the quiz. There will be 4 points for your printout. Answer the your code/output for the computation problem in the problem set 1.
Circle the line of sour in the space provid	w will you modify your code to compute the training/testing MAE? we code that you will change in your printout, and write the new code and below. Will your conclusion change because of this modification? In R computes the absolute value of a vector)
the prediction is comp How will you modify printout, and write t contaminated with me	ppose now you want to modify the KNN regression algorithm so that uted as a median instead of a mean of the neighbouring observations. our code? Circle the line of source code that you will change in your he new code in the space provided below . When some y_i 's are assurement error, explain why the new algorithm could be better (hint: R computes the median of a vector).
3. (2 pts) For part(f), wh	ich K do you think has the best predictive performance? Which curve

do you base your conclusion on? Explain your choice using no more than two sentences.