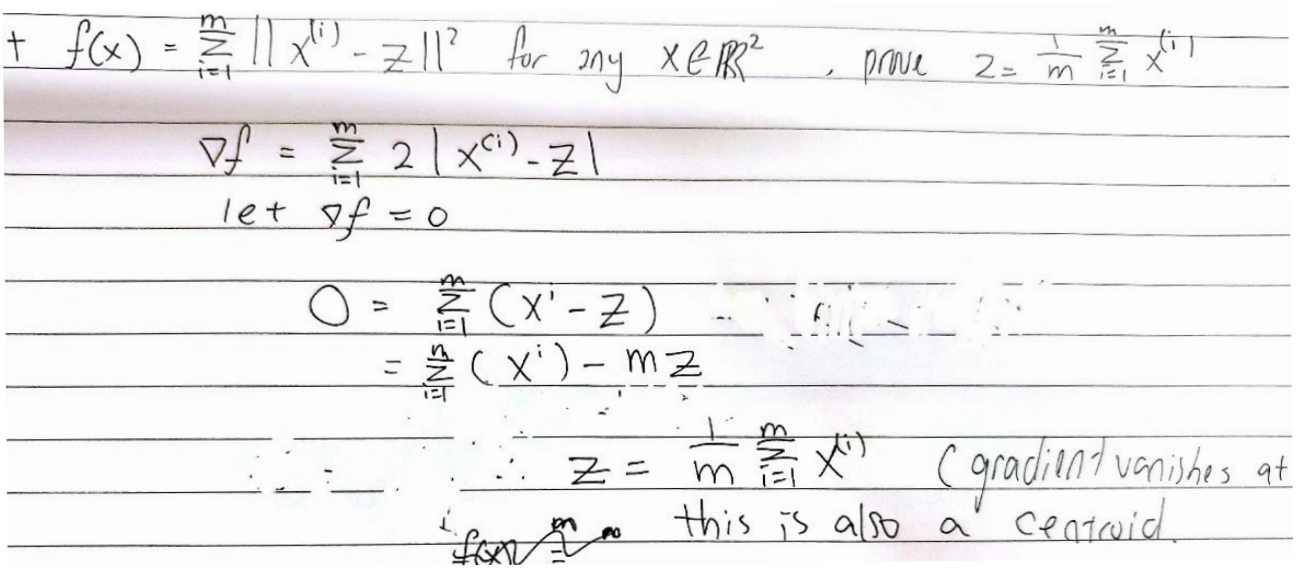
Soong Cun Yuan
None code submission for parts that is not in code

1e

```
Lambda is 0.34119
```

Homework 2c [Prove centroid]



(3b) Using LogisticRegression from the sklearn.linear_model module, fit a classifier to the training set X_train and Y_train. Evaluate the accuracy of the classifier via the validation set X_valid and Y_valid. What is the score?

```
Accuracy is 0.7865168539325843
```

(3c) Coefficients

```
Coefficient = [[-0.02154119 -0.59903285 -0.31918963  0.00320263
0.27199     0.37586675
  -0.01290163  1.61650562 -0.9815505   1.08778194  0.31062274
-0.76344957
   0.69802998  1.2110554 ]]
```

Kaggle submission and score,
User Id: Zenger
Score 0.77990