# Readme

* To execute the program run the Algorithms.java file you will get 2 options 1 for linear regression and 2 for decision tree
* If you choose linear regression there will 2 option 1 for non normalized data and 2 for normalized data. Please note if you choose option 2 normalized data then the program may take time for convergence so please stop the code and run again. Its not an error . The code takes time.
* If you choose decision tree you will get 2 option 1 for information gain (id3) and 2 for gain ratio (c4.5)
* The output for both programs are in the output folder.
* The output for linear regression has predicted y values beta values and mse
* The output for decision tree has accuracy vaues.