**Steps for executing Mapreduce Programs**
1. Extract the zip file
2. Copy MapReduceDesignPatterns.jar to CS6360
3. Execute individual commands listed below for executing the program

hdfs dfs -rmr /user/kpw150030/A5_O1;hadoop jar MapReduceDesignPatterns.jar mapreduce.patterns.Top10BusinessesAverageRating_Q1 /yelpdatafall/business/business.csv /yelpdatafall/review/review.csv /user/kpw150030/A5_O1;hdfs dfs -cat /user/kpw150030/A5_O1/part-r-00000

hdfs dfs -rmr /user/kpw150030/A5_O2;hadoop jar MapReduceDesignPatterns.jar mapreduce.patterns.AverageUserRating_Q2 /yelpdatafall/user/user.csv /yelpdatafall/review/review.csv /user/kpw150030/A5_O2 "LiiLii C.";hdfs dfs -cat /user/kpw150030/A5_O2/part-r-00000

hdfs dfs -rmr /user/kpw150030/A_O3;hadoop jar MapReduceDesignPatterns.jar mapreduce.patterns.StanfordRatings_Q3 /yelpdatafall/business/business.csv /yelpdatafall/review/review.csv /user/kpw150030/A_O3;hdfs dfs -cat /user/kpw150030/A_O3/part-r-00000

hdfs dfs -rmr /user/kpw150030/A5_O4;hadoop jar MapReduceDesignPatterns.jar mapreduce.patterns.Top10Raters_Q4 /yelpdatafall/user/user.csv /yelpdatafall/review/review.csv /user/kpw150030/A5_O4;hdfs dfs -cat /user/kpw150030/A5_O4/part-r-00000

hdfs dfs -rmr /user/kpw150030/A5_O5;hadoop jar MapReduceDesignPatterns.jar mapreduce.patterns.TexasRatingCounts_Q5 /yelpdatafall/business/business.csv /yelpdatafall/review/review.csv /user/kpw150030/A5_O5;hdfs dfs -cat /user/kpw150030/A5_O5/part-r-00000

Please find sample outputs for each of the programs in docs folder.

**How to execute Scala Programs:**
Please find scala programs in the scala folder.