#load all necessary libraries for this recommendation engine

#import the dataset with the read csv method

#create a copy of the movie dataset

#retrieve the first few observations of the dataset

#view the type of the dataset

#number of rows and columns

#the number of missing values per column

#obtain a descriptive info of the dataset

#drop user id column

#retrieving the movies with the highest ratings/views

#Top 5 movies by maximum rating

#average rating per movie

#Top five movies with the least audience/views

#creating a sparse matrix and reassign rating values from 1 – 12

#Transpose the sparse matrix

#applying dimensionality reduction to our dataset(which is more of a sparse matrix) so as to improve the performance of the algorithm

#first of split the data into train and test data using k cross validation

#obtain the correlation matrix

#test run the model