```
import org.apache.mahout.cf.taste.eval.DataModelBuilder;

import org.apache.mahout.cf.taste.impl.model.file.FileDataModel;

import org.apache.mahout.cf.taste.impl.neighborhood.NearestUserNeighborhood;

import org.apache.mahout.cf.taste.impl.recommender.GenericUserBasedRecommender;

import org.apache.mahout.cf.taste.impl.similarity.pearsonCorrelationSimilarity;

import org.apache.mahout.cf.taste.model.DataModel;

import org.apache.mahout.cf.taste.neighborhood.UserNeighborhood;

import org.apache.mahout.cf.taste.similarity.UserSimilarity;

import org.apache.mahout.cf.taste.recommender.RecommendedItem;

import java.io.File;

import java.util.List;

public class RecommendationSystem {

public static void main(String [] args) {

try {

Data model model = new File data model(new File("data.csv"));

User similarity similarity = new Pearson correlationSimilarity(model);

User neighborhood neighborhood = new NearestNUserNeighborhood(2, similarity,model);

GenericUserBasedRecommender recommender = new GenericUserBasedRecommender ( model,
neighborhood, similarity);

List<RecommendedItem> recommendations = recommender.recommend(1,3);

System.out.println("Recommendations for user 1:");

for(RecommendedItem item : recommendations) {

System.out.println("Item ID:" +item.getItemID() +", Score:" +item.getValue());

}

}

catch(Exception e) {

e.printStackTrace();

}
```

```
}

}
```