```
[grantac2@siebl-0224-11 farisab2-ristich3-grantac2]$ make && ./finalproj
tests/movies_small.txt
make: Nothing to be done for `all'.
Filename: tests/movies_small.txt
CS225 Movie Recommender
Please select which algorithm you would like to run: [PR or DIJK]
PR
Please enter product ID
5556167281
Please enter product ID
B0000DK4QI
Have you entered all your liked movies? [Y or N]
N
Please enter product ID
0790750708
Have you entered all your liked movies? [Y or N]
Y
Generating matrix
Calculating pageranks
Original sum: 168941
Final sum: 16894

B00005M1YM 7.15422
078401115X 6.97414
B000IMM3XW 6.2015
B00005M1Y4 6.06678
6304675771 5.89063
B0042KZJN2 5.75539
B001IDSZ1O 5.50935
B00008G1PX 5.40831
B000VHVGM8 4.99787
B001ILFUDM 4.9878
B00004RQB1 4.91114
B000059525Q 4.89792
6305508569 4.86027
6301699599 4.71356
B00013EY80 4.61326
B000F9RL9O 4.49838
B0001EYSQC 4.45131
B000FVQLQQ 4.43957
0790747324 4.42939
B000CQQI9E 4.39785
B000UGBOT0 4.39258
B00005M1Y0 4.29138
B002VL2PTU 4.24195
B001AQT0VI 4.21354
B00004WM3D 4.10729
B0000DK4QJ 3.67803
B0001G6PZC 3.66993
B004GIZX3Q 3.59246
B000AMWIVM 3.51856
B000063W82 3.47308
B00151QYU8 3.38177
B000063W1R 3.33605
B004SCMGSU 3.33207
B00005M1Y7 3.17263
B001LMU1A0 3.10778
B0002I82XW 2.93282
1562229567 2.93158
```

```
B000A9QK8M 2.90394
6303039405 2.86817
B001QB5SCM 2.78779
B000GETWF4 2.73213
B0012Q3SYG 2.65895
B0000DK4QK 2.64801
6304170408 2.58803
B000KGGJ0Y 2.57392
B001NFNFMQ 2.52204
B006RXQ6FM 2.47969
6305441286 2.45055
B00005M1Y5 2.43495
B00185J7KA 2.43195
```