

[Note: Due to insufficient memory issue, the collaborative filtering program was executed for across first 100 records. The program requires a minimum of 4GB to hold the data into memory. On the contrary my machine had 1GB RAM.]

The prediction for record 1 is: 0.056908578

The prediction for record 2 is: 1.7578738

The prediction for record 3 is: 2.233215

The prediction for record 4 is: 2.3796728

The prediction for record 5 is: 2.915247

The prediction for record 6 is: 2.5794497

The prediction for record 7 is: 2.7983835

The prediction for record 8 is: 3.6297002

The prediction for record 9 is: 3.698475

The prediction for record 10 is: 3.1956904

The prediction for record 11 is: 2.7511277

The prediction for record 12 is: 1.0440878

The prediction for record 13 is: 2.867735

The prediction for record 14 is: 1.0

The prediction for record 15 is: 3.7833037

The prediction for record 16 is: 3.2878695

The prediction for record 17 is: 3.3865547

The prediction for record 18 is: 3.0453634

The prediction for record 19 is: 3.3540382

The prediction for record 20 is: 3.0364408

The prediction for record 21 is: 4.046518

The prediction for record 22 is: 3.4300172

The prediction for record 23 is: 4.215157

The prediction for record 24 is: 3.2514071

The prediction for record 25 is: 4.1748657

The prediction for record 26 is: 3.0474627

The prediction for record 27 is: 3.9594166

The prediction for record 28 is: 3.5221417

The prediction for record 29 is: 3.69938

The prediction for record 30 is: 2.4375572
The prediction for record 31 is: 2.758308
The prediction for record 32 is: 3.7643588
The prediction for record 33 is: 3.0722497
The prediction for record 34 is: 2.816912
The prediction for record 35 is: 3.7839613
The prediction for record 36 is: 4.528817
The prediction for record 37 is: 4.0335674
The prediction for record 38 is: 3.530997
The prediction for record 39 is: 3.690691
The prediction for record 40 is: 3.3553092
The prediction for record 41 is: 3.608583
The prediction for record 42 is: 4.0122867
The prediction for record 43 is: 3.136791
The prediction for record 44 is: 3.7000964
The prediction for record 45 is: 3.0974288
The prediction for record 46 is: 3.8879116
The prediction for record 47 is: 3.2502222
The prediction for record 48 is: 2.8518662
The prediction for record 49 is: 3.348325
The prediction for record 50 is: 3.2357926
The prediction for record 51 is: 2.9027774
The prediction for record 52 is: 3.5128684
The prediction for record 53 is: 3.8912833
The prediction for record 54 is: 3.8103352
The prediction for record 55 is: 3.8670173
The prediction for record 56 is: 3.9104438
The prediction for record 57 is: 3.4772599
The prediction for record 58 is: 3.672508
The prediction for record 59 is: 3.1609187
The prediction for record 60 is: 3.0557497

The prediction for record 61 is: 2.9337776
The prediction for record 62 is: 4.236778
The prediction for record 63 is: 3.440542
The prediction for record 64 is: 3.4723995
The prediction for record 65 is: 3.2594755
The prediction for record 66 is: 3.4754434
The prediction for record 67 is: 3.429024
The prediction for record 68 is: 2.7360382
The prediction for record 69 is: 4.019587
The prediction for record 70 is: 3.3236775
The prediction for record 71 is: 4.4344044
The prediction for record 72 is: 3.546525
The prediction for record 73 is: 2.694855
The prediction for record 74 is: 2.9724984
The prediction for record 75 is: 4.091289
The prediction for record 76 is: 3.2531176
The prediction for record 77 is: 3.4078617
The prediction for record 78 is: 4.0663214
The prediction for record 79 is: 2.7581215
The prediction for record 80 is: 3.6598415
The prediction for record 81 is: 3.5651078
The prediction for record 82 is: 3.0874598
The prediction for record 83 is: 3.5477242
The prediction for record 84 is: 3.1838381
The prediction for record 85 is: 3.0199106
The prediction for record 86 is: 3.747342
The prediction for record 87 is: 3.8154757
The prediction for record 88 is: 4.561191
The prediction for record 89 is: 3.8694665
The prediction for record 90 is: 3.9304316
The prediction for record 91 is: 3.7494686

The prediction for record 92 is: 2.3850715

The prediction for record 93 is: 2.8451476

The prediction for record 94 is: 3.4590273

The prediction for record 95 is: 3.4733489

The prediction for record 96 is: 3.8379562

The prediction for record 97 is: 3.3987854

The prediction for record 98 is: 3.7525525

The prediction for record 99 is: 2.9739316

The prediction for record 100 is: 3.7030966

The prediction for record 101 is: 3.6774955

The total number of records executed is 101

The root mean square prediction is: 1.1390206

The absolute mean prediction is: 0.21887231

The collaborative filtering program calculates the prediction for each movie record and gives an aggregated root mean square and absolute mean predictions.