Table of Contents

```
%-- 01/28/2020 02:39:59 PM --%
mkdir lab0
cd lab0/
a=1
b=2
c = a+b
A = [ 1 2 ; 3 4]
A = [1 2 ; 3 4]
B=A*A
C=A.*A
diary lab0_diary.m
% Uzz#m#sim 2. k#rtas polinomu
% polinoma koeficienti:
C = [2 3 10]
C = [2 3 10];
C = [2 3 10]; % ar semikolu neuzr#da ievad#to v#rt#bu
x = -6:2:6
% x = s#kuma elements:solis_beigu_elements
y = C(1)*x.^2+C(2)*x+C(3)
plot(x,y)
x2 = -6:0.01:6;
y = C(1)*x2.^2+C(2)*x2+C(3)
y2 = C(1)*x2.^2+C(2)*x2+C(3)
plot(y2,x2)
plot(x2,y2)
y = C(1)*x.^2+C(2)*x+C(3)
```

Warning: Directory already exists.

a =

   1

b =

   2

c =

   3

```
A =

     1     2
     3     4


A =

     1     2
     3     4


B =

     7    10
    15    22


C =

     1     4
     9    16


C =

     2     3    10


x =

    -6    -4    -2     0     2     4     6


y =

    64    30    12    10    24    54   100


y =

  Columns 1 through 7

   64.0000   63.7902   63.5808   63.3718   63.1632   62.9550   62.7472

  Columns 8 through 14

   62.5398   62.3328   62.1262   61.9200   61.7142   61.5088   61.3038

  Columns 15 through 21

   61.0992   60.8950   60.6912   60.4878   60.2848   60.0822   59.8800

  Columns 22 through 28
```

59.6782   59.4768   59.2758   59.0752   58.8750   58.6752   58.4758

Columns 29 through 35

58.2768   58.0782   57.8800   57.6822   57.4848   57.2878   57.0912

Columns 36 through 42

56.8950   56.6992   56.5038   56.3088   56.1142   55.9200   55.7262

Columns 43 through 49

55.5328   55.3398   55.1472   54.9550   54.7632   54.5718   54.3808

Columns 50 through 56

54.1902   54.0000   53.8102   53.6208   53.4318   53.2432   53.0550

Columns 57 through 63

52.8672   52.6798   52.4928   52.3062   52.1200   51.9342   51.7488

Columns 64 through 70

51.5638   51.3792   51.1950   51.0112   50.8278   50.6448   50.4622

Columns 71 through 77

50.2800   50.0982   49.9168   49.7358   49.5552   49.3750   49.1952

Columns 78 through 84

49.0158   48.8368   48.6582   48.4800   48.3022   48.1248   47.9478

Columns 85 through 91

47.7712   47.5950   47.4192   47.2438   47.0688   46.8942   46.7200

Columns 92 through 98

46.5462   46.3728   46.1998   46.0272   45.8550   45.6832   45.5118

Columns 99 through 105

45.3408   45.1702   45.0000   44.8302   44.6608   44.4918   44.3232

Columns 106 through 112

44.1550   43.9872   43.8198   43.6528   43.4862   43.3200   43.1542

Columns 113 through 119

42.9888   42.8238   42.6592   42.4950   42.3312   42.1678   42.0048

Columns 120 through 126

 41.8422   41.6800   41.5182   41.3568   41.1958   41.0352   40.8750

Columns 127 through 133

 40.7152   40.5558   40.3968   40.2382   40.0800   39.9222   39.7648

Columns 134 through 140

 39.6078   39.4512   39.2950   39.1392   38.9838   38.8288   38.6742

Columns 141 through 147

 38.5200   38.3662   38.2128   38.0598   37.9072   37.7550   37.6032

Columns 148 through 154

 37.4518   37.3008   37.1502   37.0000   36.8502   36.7008   36.5518

Columns 155 through 161

 36.4032   36.2550   36.1072   35.9598   35.8128   35.6662   35.5200

Columns 162 through 168

 35.3742   35.2288   35.0838   34.9392   34.7950   34.6512   34.5078

Columns 169 through 175

 34.3648   34.2222   34.0800   33.9382   33.7968   33.6558   33.5152

Columns 176 through 182

 33.3750   33.2352   33.0958   32.9568   32.8182   32.6800   32.5422

Columns 183 through 189

 32.4048   32.2678   32.1312   31.9950   31.8592   31.7238   31.5888

Columns 190 through 196

 31.4542   31.3200   31.1862   31.0528   30.9198   30.7872   30.6550

Columns 197 through 203

 30.5232   30.3918   30.2608   30.1302   30.0000   29.8702   29.7408

Columns 204 through 210

 29.6118   29.4832   29.3550   29.2272   29.0998   28.9728   28.8462

Columns 211 through 217

28.7200   28.5942   28.4688   28.3438   28.2192   28.0950   27.9712

Columns 218 through 224

27.8478   27.7248   27.6022   27.4800   27.3582   27.2368   27.1158

Columns 225 through 231

26.9952   26.8750   26.7552   26.6358   26.5168   26.3982   26.2800

Columns 232 through 238

26.1622   26.0448   25.9278   25.8112   25.6950   25.5792   25.4638

Columns 239 through 245

25.3488   25.2342   25.1200   25.0062   24.8928   24.7798   24.6672

Columns 246 through 252

24.5550   24.4432   24.3318   24.2208   24.1102   24.0000   23.8902

Columns 253 through 259

23.7808   23.6718   23.5632   23.4550   23.3472   23.2398   23.1328

Columns 260 through 266

23.0262   22.9200   22.8142   22.7088   22.6038   22.4992   22.3950

Columns 267 through 273

22.2912   22.1878   22.0848   21.9822   21.8800   21.7782   21.6768

Columns 274 through 280

21.5758   21.4752   21.3750   21.2752   21.1758   21.0768   20.9782

Columns 281 through 287

20.8800   20.7822   20.6848   20.5878   20.4912   20.3950   20.2992

Columns 288 through 294

20.2038   20.1088   20.0142   19.9200   19.8262   19.7328   19.6398

Columns 295 through 301

19.5472   19.4550   19.3632   19.2718   19.1808   19.0902   19.0000

Columns 302 through 308

18.9102   18.8208   18.7318   18.6432   18.5550   18.4672   18.3798

Columns 309 through 315

  18.2928   18.2062   18.1200   18.0342   17.9488   17.8638   17.7792

Columns 316 through 322

  17.6950   17.6112   17.5278   17.4448   17.3622   17.2800   17.1982

Columns 323 through 329

  17.1168   17.0358   16.9552   16.8750   16.7952   16.7158   16.6368

Columns 330 through 336

  16.5582   16.4800   16.4022   16.3248   16.2478   16.1712   16.0950

Columns 337 through 343

  16.0192   15.9438   15.8688   15.7942   15.7200   15.6462   15.5728

Columns 344 through 350

  15.4998   15.4272   15.3550   15.2832   15.2118   15.1408   15.0702

Columns 351 through 357

  15.0000   14.9302   14.8608   14.7918   14.7232   14.6550   14.5872

Columns 358 through 364

  14.5198   14.4528   14.3862   14.3200   14.2542   14.1888   14.1238

Columns 365 through 371

  14.0592   13.9950   13.9312   13.8678   13.8048   13.7422   13.6800

Columns 372 through 378

  13.6182   13.5568   13.4958   13.4352   13.3750   13.3152   13.2558

Columns 379 through 385

  13.1968   13.1382   13.0800   13.0222   12.9648   12.9078   12.8512

Columns 386 through 392

  12.7950   12.7392   12.6838   12.6288   12.5742   12.5200   12.4662

Columns 393 through 399

  12.4128   12.3598   12.3072   12.2550   12.2032   12.1518   12.1008

Columns 400 through 406

12.0502   12.0000   11.9502   11.9008   11.8518   11.8032   11.7550

Columns 407 through 413

11.7072   11.6598   11.6128   11.5662   11.5200   11.4742   11.4288

Columns 414 through 420

11.3838   11.3392   11.2950   11.2512   11.2078   11.1648   11.1222

Columns 421 through 427

11.0800   11.0382   10.9968   10.9558   10.9152   10.8750   10.8352

Columns 428 through 434

10.7958   10.7568   10.7182   10.6800   10.6422   10.6048   10.5678

Columns 435 through 441

10.5312   10.4950   10.4592   10.4238   10.3888   10.3542   10.3200

Columns 442 through 448

10.2862   10.2528   10.2198   10.1872   10.1550   10.1232   10.0918

Columns 449 through 455

10.0608   10.0302   10.0000   9.9702   9.9408   9.9118   9.8832

Columns 456 through 462

 9.8550   9.8272   9.7998   9.7728   9.7462   9.7200   9.6942

Columns 463 through 469

 9.6688   9.6438   9.6192   9.5950   9.5712   9.5478   9.5248

Columns 470 through 476

 9.5022   9.4800   9.4582   9.4368   9.4158   9.3952   9.3750

Columns 477 through 483

 9.3552   9.3358   9.3168   9.2982   9.2800   9.2622   9.2448

Columns 484 through 490

 9.2278   9.2112   9.1950   9.1792   9.1638   9.1488   9.1342

Columns 491 through 497

 9.1200   9.1062   9.0928   9.0798   9.0672   9.0550   9.0432

Columns 498 through 504

  9.0318   9.0208   9.0102   9.0000   8.9902   8.9808   8.9718

Columns 505 through 511

  8.9632   8.9550   8.9472   8.9398   8.9328   8.9262   8.9200

Columns 512 through 518

  8.9142   8.9088   8.9038   8.8992   8.8950   8.8912   8.8878

Columns 519 through 525

  8.8848   8.8822   8.8800   8.8782   8.8768   8.8758   8.8752

Columns 526 through 532

  8.8750   8.8752   8.8758   8.8768   8.8782   8.8800   8.8822

Columns 533 through 539

  8.8848   8.8878   8.8912   8.8950   8.8992   8.9038   8.9088

Columns 540 through 546

  8.9142   8.9200   8.9262   8.9328   8.9398   8.9472   8.9550

Columns 547 through 553

  8.9632   8.9718   8.9808   8.9902   9.0000   9.0102   9.0208

Columns 554 through 560

  9.0318   9.0432   9.0550   9.0672   9.0798   9.0928   9.1062

Columns 561 through 567

  9.1200   9.1342   9.1488   9.1638   9.1792   9.1950   9.2112

Columns 568 through 574

  9.2278   9.2448   9.2622   9.2800   9.2982   9.3168   9.3358

Columns 575 through 581

  9.3552   9.3750   9.3952   9.4158   9.4368   9.4582   9.4800

Columns 582 through 588

  9.5022   9.5248   9.5478   9.5712   9.5950   9.6192   9.6438

Columns 589 through 595

9.6688   9.6942   9.7200   9.7462   9.7728   9.7998   9.8272

Columns 596 through 602

        9.8550   9.8832   9.9118   9.9408   9.9702   10.0000   10.0302

Columns 603 through 609

       10.0608   10.0918   10.1232   10.1550   10.1872   10.2198   10.2528

Columns 610 through 616

       10.2862   10.3200   10.3542   10.3888   10.4238   10.4592   10.4950

Columns 617 through 623

       10.5312   10.5678   10.6048   10.6422   10.6800   10.7182   10.7568

Columns 624 through 630

       10.7958   10.8352   10.8750   10.9152   10.9558   10.9968   11.0382

Columns 631 through 637

       11.0800   11.1222   11.1648   11.2078   11.2512   11.2950   11.3392

Columns 638 through 644

       11.3838   11.4288   11.4742   11.5200   11.5662   11.6128   11.6598

Columns 645 through 651

       11.7072   11.7550   11.8032   11.8518   11.9008   11.9502   12.0000

Columns 652 through 658

       12.0502   12.1008   12.1518   12.2032   12.2550   12.3072   12.3598

Columns 659 through 665

       12.4128   12.4662   12.5200   12.5742   12.6288   12.6838   12.7392

Columns 666 through 672

       12.7950   12.8512   12.9078   12.9648   13.0222   13.0800   13.1382

Columns 673 through 679

       13.1968   13.2558   13.3152   13.3750   13.4352   13.4958   13.5568

Columns 680 through 686

       13.6182   13.6800   13.7422   13.8048   13.8678   13.9312   13.9950

Columns 687 through 693

  14.0592   14.1238   14.1888   14.2542   14.3200   14.3862   14.4528

Columns 694 through 700

  14.5198   14.5872   14.6550   14.7232   14.7918   14.8608   14.9302

Columns 701 through 707

  15.0000   15.0702   15.1408   15.2118   15.2832   15.3550   15.4272

Columns 708 through 714

  15.4998   15.5728   15.6462   15.7200   15.7942   15.8688   15.9438

Columns 715 through 721

  16.0192   16.0950   16.1712   16.2478   16.3248   16.4022   16.4800

Columns 722 through 728

  16.5582   16.6368   16.7158   16.7952   16.8750   16.9552   17.0358

Columns 729 through 735

  17.1168   17.1982   17.2800   17.3622   17.4448   17.5278   17.6112

Columns 736 through 742

  17.6950   17.7792   17.8638   17.9488   18.0342   18.1200   18.2062

Columns 743 through 749

  18.2928   18.3798   18.4672   18.5550   18.6432   18.7318   18.8208

Columns 750 through 756

  18.9102   19.0000   19.0902   19.1808   19.2718   19.3632   19.4550

Columns 757 through 763

  19.5472   19.6398   19.7328   19.8262   19.9200   20.0142   20.1088

Columns 764 through 770

  20.2038   20.2992   20.3950   20.4912   20.5878   20.6848   20.7822

Columns 771 through 777

  20.8800   20.9782   21.0768   21.1758   21.2752   21.3750   21.4752

Columns 778 through 784

21.5758   21.6768   21.7782   21.8800   21.9822   22.0848   22.1878

Columns 785 through 791

22.2912   22.3950   22.4992   22.6038   22.7088   22.8142   22.9200

Columns 792 through 798

23.0262   23.1328   23.2398   23.3472   23.4550   23.5632   23.6718

Columns 799 through 805

23.7808   23.8902   24.0000   24.1102   24.2208   24.3318   24.4432

Columns 806 through 812

24.5550   24.6672   24.7798   24.8928   25.0062   25.1200   25.2342

Columns 813 through 819

25.3488   25.4638   25.5792   25.6950   25.8112   25.9278   26.0448

Columns 820 through 826

26.1622   26.2800   26.3982   26.5168   26.6358   26.7552   26.8750

Columns 827 through 833

26.9952   27.1158   27.2368   27.3582   27.4800   27.6022   27.7248

Columns 834 through 840

27.8478   27.9712   28.0950   28.2192   28.3438   28.4688   28.5942

Columns 841 through 847

28.7200   28.8462   28.9728   29.0998   29.2272   29.3550   29.4832

Columns 848 through 854

29.6118   29.7408   29.8702   30.0000   30.1302   30.2608   30.3918

Columns 855 through 861

30.5232   30.6550   30.7872   30.9198   31.0528   31.1862   31.3200

Columns 862 through 868

31.4542   31.5888   31.7238   31.8592   31.9950   32.1312   32.2678

Columns 869 through 875

32.4048   32.5422   32.6800   32.8182   32.9568   33.0958   33.2352

Columns 876 through 882

  33.3750   33.5152   33.6558   33.7968   33.9382   34.0800   34.2222

Columns 883 through 889

  34.3648   34.5078   34.6512   34.7950   34.9392   35.0838   35.2288

Columns 890 through 896

  35.3742   35.5200   35.6662   35.8128   35.9598   36.1072   36.2550

Columns 897 through 903

  36.4032   36.5518   36.7008   36.8502   37.0000   37.1502   37.3008

Columns 904 through 910

  37.4518   37.6032   37.7550   37.9072   38.0598   38.2128   38.3662

Columns 911 through 917

  38.5200   38.6742   38.8288   38.9838   39.1392   39.2950   39.4512

Columns 918 through 924

  39.6078   39.7648   39.9222   40.0800   40.2382   40.3968   40.5558

Columns 925 through 931

  40.7152   40.8750   41.0352   41.1958   41.3568   41.5182   41.6800

Columns 932 through 938

  41.8422   42.0048   42.1678   42.3312   42.4950   42.6592   42.8238

Columns 939 through 945

  42.9888   43.1542   43.3200   43.4862   43.6528   43.8198   43.9872

Columns 946 through 952

  44.1550   44.3232   44.4918   44.6608   44.8302   45.0000   45.1702

Columns 953 through 959

  45.3408   45.5118   45.6832   45.8550   46.0272   46.1998   46.3728

Columns 960 through 966

  46.5462   46.7200   46.8942   47.0688   47.2438   47.4192   47.5950

Columns 967 through 973

47.7712   47.9478   48.1248   48.3022   48.4800   48.6582   48.8368

Columns 974 through 980

49.0158   49.1952   49.3750   49.5552   49.7358   49.9168   50.0982

Columns 981 through 987

50.2800   50.4622   50.6448   50.8278   51.0112   51.1950   51.3792

Columns 988 through 994

51.5638   51.7488   51.9342   52.1200   52.3062   52.4928   52.6798

Columns 995 through 1001

52.8672   53.0550   53.2432   53.4318   53.6208   53.8102   54.0000

Columns 1002 through 1008

54.1902   54.3808   54.5718   54.7632   54.9550   55.1472   55.3398

Columns 1009 through 1015

55.5328   55.7262   55.9200   56.1142   56.3088   56.5038   56.6992

Columns 1016 through 1022

56.8950   57.0912   57.2878   57.4848   57.6822   57.8800   58.0782

Columns 1023 through 1029

58.2768   58.4758   58.6752   58.8750   59.0752   59.2758   59.4768

Columns 1030 through 1036

59.6782   59.8800   60.0822   60.2848   60.4878   60.6912   60.8950

Columns 1037 through 1043

61.0992   61.3038   61.5088   61.7142   61.9200   62.1262   62.3328

Columns 1044 through 1050

62.5398   62.7472   62.9550   63.1632   63.3718   63.5808   63.7902

Columns 1051 through 1057

64.0000   64.2102   64.4208   64.6318   64.8432   65.0550   65.2672

Columns 1058 through 1064

65.4798   65.6928   65.9062   66.1200   66.3342   66.5488   66.7638

Columns 1065 through 1071

  66.9792   67.1950   67.4112   67.6278   67.8448   68.0622   68.2800

Columns 1072 through 1078

  68.4982   68.7168   68.9358   69.1552   69.3750   69.5952   69.8158

Columns 1079 through 1085

  70.0368   70.2582   70.4800   70.7022   70.9248   71.1478   71.3712

Columns 1086 through 1092

  71.5950   71.8192   72.0438   72.2688   72.4942   72.7200   72.9462

Columns 1093 through 1099

  73.1728   73.3998   73.6272   73.8550   74.0832   74.3118   74.5408

Columns 1100 through 1106

  74.7702   75.0000   75.2302   75.4608   75.6918   75.9232   76.1550

Columns 1107 through 1113

  76.3872   76.6198   76.8528   77.0862   77.3200   77.5542   77.7888

Columns 1114 through 1120

  78.0238   78.2592   78.4950   78.7312   78.9678   79.2048   79.4422

Columns 1121 through 1127

  79.6800   79.9182   80.1568   80.3958   80.6352   80.8750   81.1152

Columns 1128 through 1134

  81.3558   81.5968   81.8382   82.0800   82.3222   82.5648   82.8078

Columns 1135 through 1141

  83.0512   83.2950   83.5392   83.7838   84.0288   84.2742   84.5200

Columns 1142 through 1148

  84.7662   85.0128   85.2598   85.5072   85.7550   86.0032   86.2518

Columns 1149 through 1155

  86.5008   86.7502   87.0000   87.2502   87.5008   87.7518   88.0032

Columns 1156 through 1162

```
   88.2550     88.5072     88.7598     89.0128     89.2662     89.5200     89.7742

  Columns 1163 through 1169

   90.0288     90.2838     90.5392     90.7950     91.0512     91.3078     91.5648

  Columns 1170 through 1176

   91.8222     92.0800     92.3382     92.5968     92.8558     93.1152     93.3750

  Columns 1177 through 1183

   93.6352     93.8958     94.1568     94.4182     94.6800     94.9422     95.2048

  Columns 1184 through 1190

   95.4678     95.7312     95.9950     96.2592     96.5238     96.7888     97.0542

  Columns 1191 through 1197

   97.3200     97.5862     97.8528     98.1198     98.3872     98.6550     98.9232

  Columns 1198 through 1201

   99.1918     99.4608     99.7302    100.0000


y2 =

  Columns 1 through 7

   64.0000     63.7902     63.5808     63.3718     63.1632     62.9550     62.7472

  Columns 8 through 14

   62.5398     62.3328     62.1262     61.9200     61.7142     61.5088     61.3038

  Columns 15 through 21

   61.0992     60.8950     60.6912     60.4878     60.2848     60.0822     59.8800

  Columns 22 through 28

   59.6782     59.4768     59.2758     59.0752     58.8750     58.6752     58.4758

  Columns 29 through 35

   58.2768     58.0782     57.8800     57.6822     57.4848     57.2878     57.0912

  Columns 36 through 42

   56.8950     56.6992     56.5038     56.3088     56.1142     55.9200     55.7262
```

Columns 43 through 49

  55.5328   55.3398   55.1472   54.9550   54.7632   54.5718   54.3808

Columns 50 through 56

  54.1902   54.0000   53.8102   53.6208   53.4318   53.2432   53.0550

Columns 57 through 63

  52.8672   52.6798   52.4928   52.3062   52.1200   51.9342   51.7488

Columns 64 through 70

  51.5638   51.3792   51.1950   51.0112   50.8278   50.6448   50.4622

Columns 71 through 77

  50.2800   50.0982   49.9168   49.7358   49.5552   49.3750   49.1952

Columns 78 through 84

  49.0158   48.8368   48.6582   48.4800   48.3022   48.1248   47.9478

Columns 85 through 91

  47.7712   47.5950   47.4192   47.2438   47.0688   46.8942   46.7200

Columns 92 through 98

  46.5462   46.3728   46.1998   46.0272   45.8550   45.6832   45.5118

Columns 99 through 105

  45.3408   45.1702   45.0000   44.8302   44.6608   44.4918   44.3232

Columns 106 through 112

  44.1550   43.9872   43.8198   43.6528   43.4862   43.3200   43.1542

Columns 113 through 119

  42.9888   42.8238   42.6592   42.4950   42.3312   42.1678   42.0048

Columns 120 through 126

  41.8422   41.6800   41.5182   41.3568   41.1958   41.0352   40.8750

Columns 127 through 133

  40.7152   40.5558   40.3968   40.2382   40.0800   39.9222   39.7648

Columns 134 through 140

```
   39.6078     39.4512     39.2950     39.1392     38.9838     38.8288     38.6742

Columns 141 through 147

   38.5200     38.3662     38.2128     38.0598     37.9072     37.7550     37.6032

Columns 148 through 154

   37.4518     37.3008     37.1502     37.0000     36.8502     36.7008     36.5518

Columns 155 through 161

   36.4032     36.2550     36.1072     35.9598     35.8128     35.6662     35.5200

Columns 162 through 168

   35.3742     35.2288     35.0838     34.9392     34.7950     34.6512     34.5078

Columns 169 through 175

   34.3648     34.2222     34.0800     33.9382     33.7968     33.6558     33.5152

Columns 176 through 182

   33.3750     33.2352     33.0958     32.9568     32.8182     32.6800     32.5422

Columns 183 through 189

   32.4048     32.2678     32.1312     31.9950     31.8592     31.7238     31.5888

Columns 190 through 196

   31.4542     31.3200     31.1862     31.0528     30.9198     30.7872     30.6550

Columns 197 through 203

   30.5232     30.3918     30.2608     30.1302     30.0000     29.8702     29.7408

Columns 204 through 210

   29.6118     29.4832     29.3550     29.2272     29.0998     28.9728     28.8462

Columns 211 through 217

   28.7200     28.5942     28.4688     28.3438     28.2192     28.0950     27.9712

Columns 218 through 224

   27.8478     27.7248     27.6022     27.4800     27.3582     27.2368     27.1158

Columns 225 through 231

   26.9952     26.8750     26.7552     26.6358     26.5168     26.3982     26.2800
```

Columns 232 through 238

  26.1622   26.0448   25.9278   25.8112   25.6950   25.5792   25.4638

Columns 239 through 245

  25.3488   25.2342   25.1200   25.0062   24.8928   24.7798   24.6672

Columns 246 through 252

  24.5550   24.4432   24.3318   24.2208   24.1102   24.0000   23.8902

Columns 253 through 259

  23.7808   23.6718   23.5632   23.4550   23.3472   23.2398   23.1328

Columns 260 through 266

  23.0262   22.9200   22.8142   22.7088   22.6038   22.4992   22.3950

Columns 267 through 273

  22.2912   22.1878   22.0848   21.9822   21.8800   21.7782   21.6768

Columns 274 through 280

  21.5758   21.4752   21.3750   21.2752   21.1758   21.0768   20.9782

Columns 281 through 287

  20.8800   20.7822   20.6848   20.5878   20.4912   20.3950   20.2992

Columns 288 through 294

  20.2038   20.1088   20.0142   19.9200   19.8262   19.7328   19.6398

Columns 295 through 301

  19.5472   19.4550   19.3632   19.2718   19.1808   19.0902   19.0000

Columns 302 through 308

  18.9102   18.8208   18.7318   18.6432   18.5550   18.4672   18.3798

Columns 309 through 315

  18.2928   18.2062   18.1200   18.0342   17.9488   17.8638   17.7792

Columns 316 through 322

  17.6950   17.6112   17.5278   17.4448   17.3622   17.2800   17.1982

Columns 323 through 329

17.1168   17.0358   16.9552   16.8750   16.7952   16.7158   16.6368

Columns 330 through 336

16.5582   16.4800   16.4022   16.3248   16.2478   16.1712   16.0950

Columns 337 through 343

16.0192   15.9438   15.8688   15.7942   15.7200   15.6462   15.5728

Columns 344 through 350

15.4998   15.4272   15.3550   15.2832   15.2118   15.1408   15.0702

Columns 351 through 357

15.0000   14.9302   14.8608   14.7918   14.7232   14.6550   14.5872

Columns 358 through 364

14.5198   14.4528   14.3862   14.3200   14.2542   14.1888   14.1238

Columns 365 through 371

14.0592   13.9950   13.9312   13.8678   13.8048   13.7422   13.6800

Columns 372 through 378

13.6182   13.5568   13.4958   13.4352   13.3750   13.3152   13.2558

Columns 379 through 385

13.1968   13.1382   13.0800   13.0222   12.9648   12.9078   12.8512

Columns 386 through 392

12.7950   12.7392   12.6838   12.6288   12.5742   12.5200   12.4662

Columns 393 through 399

12.4128   12.3598   12.3072   12.2550   12.2032   12.1518   12.1008

Columns 400 through 406

12.0502   12.0000   11.9502   11.9008   11.8518   11.8032   11.7550

Columns 407 through 413

11.7072   11.6598   11.6128   11.5662   11.5200   11.4742   11.4288

Columns 414 through 420

11.3838   11.3392   11.2950   11.2512   11.2078   11.1648   11.1222

Columns 421 through 427

  11.0800   11.0382   10.9968   10.9558   10.9152   10.8750   10.8352

Columns 428 through 434

  10.7958   10.7568   10.7182   10.6800   10.6422   10.6048   10.5678

Columns 435 through 441

  10.5312   10.4950   10.4592   10.4238   10.3888   10.3542   10.3200

Columns 442 through 448

  10.2862   10.2528   10.2198   10.1872   10.1550   10.1232   10.0918

Columns 449 through 455

  10.0608   10.0302   10.0000   9.9702   9.9408   9.9118   9.8832

Columns 456 through 462

   9.8550   9.8272   9.7998   9.7728   9.7462   9.7200   9.6942

Columns 463 through 469

   9.6688   9.6438   9.6192   9.5950   9.5712   9.5478   9.5248

Columns 470 through 476

   9.5022   9.4800   9.4582   9.4368   9.4158   9.3952   9.3750

Columns 477 through 483

   9.3552   9.3358   9.3168   9.2982   9.2800   9.2622   9.2448

Columns 484 through 490

   9.2278   9.2112   9.1950   9.1792   9.1638   9.1488   9.1342

Columns 491 through 497

   9.1200   9.1062   9.0928   9.0798   9.0672   9.0550   9.0432

Columns 498 through 504

   9.0318   9.0208   9.0102   9.0000   8.9902   8.9808   8.9718

Columns 505 through 511

   8.9632   8.9550   8.9472   8.9398   8.9328   8.9262   8.9200

Columns 512 through 518

8.9142   8.9088   8.9038   8.8992   8.8950   8.8912   8.8878

Columns 519 through 525

    8.8848   8.8822   8.8800   8.8782   8.8768   8.8758   8.8752

Columns 526 through 532

    8.8750   8.8752   8.8758   8.8768   8.8782   8.8800   8.8822

Columns 533 through 539

    8.8848   8.8878   8.8912   8.8950   8.8992   8.9038   8.9088

Columns 540 through 546

    8.9142   8.9200   8.9262   8.9328   8.9398   8.9472   8.9550

Columns 547 through 553

    8.9632   8.9718   8.9808   8.9902   9.0000   9.0102   9.0208

Columns 554 through 560

    9.0318   9.0432   9.0550   9.0672   9.0798   9.0928   9.1062

Columns 561 through 567

    9.1200   9.1342   9.1488   9.1638   9.1792   9.1950   9.2112

Columns 568 through 574

    9.2278   9.2448   9.2622   9.2800   9.2982   9.3168   9.3358

Columns 575 through 581

    9.3552   9.3750   9.3952   9.4158   9.4368   9.4582   9.4800

Columns 582 through 588

    9.5022   9.5248   9.5478   9.5712   9.5950   9.6192   9.6438

Columns 589 through 595

    9.6688   9.6942   9.7200   9.7462   9.7728   9.7998   9.8272

Columns 596 through 602

    9.8550   9.8832   9.9118   9.9408   9.9702   10.0000   10.0302

Columns 603 through 609

    10.0608   10.0918   10.1232   10.1550   10.1872   10.2198   10.2528

Columns 610 through 616

  10.2862   10.3200   10.3542   10.3888   10.4238   10.4592   10.4950

Columns 617 through 623

  10.5312   10.5678   10.6048   10.6422   10.6800   10.7182   10.7568

Columns 624 through 630

  10.7958   10.8352   10.8750   10.9152   10.9558   10.9968   11.0382

Columns 631 through 637

  11.0800   11.1222   11.1648   11.2078   11.2512   11.2950   11.3392

Columns 638 through 644

  11.3838   11.4288   11.4742   11.5200   11.5662   11.6128   11.6598

Columns 645 through 651

  11.7072   11.7550   11.8032   11.8518   11.9008   11.9502   12.0000

Columns 652 through 658

  12.0502   12.1008   12.1518   12.2032   12.2550   12.3072   12.3598

Columns 659 through 665

  12.4128   12.4662   12.5200   12.5742   12.6288   12.6838   12.7392

Columns 666 through 672

  12.7950   12.8512   12.9078   12.9648   13.0222   13.0800   13.1382

Columns 673 through 679

  13.1968   13.2558   13.3152   13.3750   13.4352   13.4958   13.5568

Columns 680 through 686

  13.6182   13.6800   13.7422   13.8048   13.8678   13.9312   13.9950

Columns 687 through 693

  14.0592   14.1238   14.1888   14.2542   14.3200   14.3862   14.4528

Columns 694 through 700

  14.5198   14.5872   14.6550   14.7232   14.7918   14.8608   14.9302

Columns 701 through 707

15.0000   15.0702   15.1408   15.2118   15.2832   15.3550   15.4272

Columns 708 through 714

15.4998   15.5728   15.6462   15.7200   15.7942   15.8688   15.9438

Columns 715 through 721

16.0192   16.0950   16.1712   16.2478   16.3248   16.4022   16.4800

Columns 722 through 728

16.5582   16.6368   16.7158   16.7952   16.8750   16.9552   17.0358

Columns 729 through 735

17.1168   17.1982   17.2800   17.3622   17.4448   17.5278   17.6112

Columns 736 through 742

17.6950   17.7792   17.8638   17.9488   18.0342   18.1200   18.2062

Columns 743 through 749

18.2928   18.3798   18.4672   18.5550   18.6432   18.7318   18.8208

Columns 750 through 756

18.9102   19.0000   19.0902   19.1808   19.2718   19.3632   19.4550

Columns 757 through 763

19.5472   19.6398   19.7328   19.8262   19.9200   20.0142   20.1088

Columns 764 through 770

20.2038   20.2992   20.3950   20.4912   20.5878   20.6848   20.7822

Columns 771 through 777

20.8800   20.9782   21.0768   21.1758   21.2752   21.3750   21.4752

Columns 778 through 784

21.5758   21.6768   21.7782   21.8800   21.9822   22.0848   22.1878

Columns 785 through 791

22.2912   22.3950   22.4992   22.6038   22.7088   22.8142   22.9200

Columns 792 through 798

23.0262   23.1328   23.2398   23.3472   23.4550   23.5632   23.6718

Columns 799 through 805

  23.7808   23.8902   24.0000   24.1102   24.2208   24.3318   24.4432

Columns 806 through 812

  24.5550   24.6672   24.7798   24.8928   25.0062   25.1200   25.2342

Columns 813 through 819

  25.3488   25.4638   25.5792   25.6950   25.8112   25.9278   26.0448

Columns 820 through 826

  26.1622   26.2800   26.3982   26.5168   26.6358   26.7552   26.8750

Columns 827 through 833

  26.9952   27.1158   27.2368   27.3582   27.4800   27.6022   27.7248

Columns 834 through 840

  27.8478   27.9712   28.0950   28.2192   28.3438   28.4688   28.5942

Columns 841 through 847

  28.7200   28.8462   28.9728   29.0998   29.2272   29.3550   29.4832

Columns 848 through 854

  29.6118   29.7408   29.8702   30.0000   30.1302   30.2608   30.3918

Columns 855 through 861

  30.5232   30.6550   30.7872   30.9198   31.0528   31.1862   31.3200

Columns 862 through 868

  31.4542   31.5888   31.7238   31.8592   31.9950   32.1312   32.2678

Columns 869 through 875

  32.4048   32.5422   32.6800   32.8182   32.9568   33.0958   33.2352

Columns 876 through 882

  33.3750   33.5152   33.6558   33.7968   33.9382   34.0800   34.2222

Columns 883 through 889

  34.3648   34.5078   34.6512   34.7950   34.9392   35.0838   35.2288

Columns 890 through 896

```
   35.3742    35.5200    35.6662    35.8128    35.9598    36.1072    36.2550
```

Columns 897 through 903

```
   36.4032    36.5518    36.7008    36.8502    37.0000    37.1502    37.3008
```

Columns 904 through 910

```
   37.4518    37.6032    37.7550    37.9072    38.0598    38.2128    38.3662
```

Columns 911 through 917

```
   38.5200    38.6742    38.8288    38.9838    39.1392    39.2950    39.4512
```

Columns 918 through 924

```
   39.6078    39.7648    39.9222    40.0800    40.2382    40.3968    40.5558
```

Columns 925 through 931

```
   40.7152    40.8750    41.0352    41.1958    41.3568    41.5182    41.6800
```

Columns 932 through 938

```
   41.8422    42.0048    42.1678    42.3312    42.4950    42.6592    42.8238
```

Columns 939 through 945

```
   42.9888    43.1542    43.3200    43.4862    43.6528    43.8198    43.9872
```

Columns 946 through 952

```
   44.1550    44.3232    44.4918    44.6608    44.8302    45.0000    45.1702
```

Columns 953 through 959

```
   45.3408    45.5118    45.6832    45.8550    46.0272    46.1998    46.3728
```

Columns 960 through 966

```
   46.5462    46.7200    46.8942    47.0688    47.2438    47.4192    47.5950
```

Columns 967 through 973

```
   47.7712    47.9478    48.1248    48.3022    48.4800    48.6582    48.8368
```

Columns 974 through 980

```
   49.0158    49.1952    49.3750    49.5552    49.7358    49.9168    50.0982
```

Columns 981 through 987

```
   50.2800    50.4622    50.6448    50.8278    51.0112    51.1950    51.3792
```

Columns 988 through 994

  51.5638   51.7488   51.9342   52.1200   52.3062   52.4928   52.6798

Columns 995 through 1001

  52.8672   53.0550   53.2432   53.4318   53.6208   53.8102   54.0000

Columns 1002 through 1008

  54.1902   54.3808   54.5718   54.7632   54.9550   55.1472   55.3398

Columns 1009 through 1015

  55.5328   55.7262   55.9200   56.1142   56.3088   56.5038   56.6992

Columns 1016 through 1022

  56.8950   57.0912   57.2878   57.4848   57.6822   57.8800   58.0782

Columns 1023 through 1029

  58.2768   58.4758   58.6752   58.8750   59.0752   59.2758   59.4768

Columns 1030 through 1036

  59.6782   59.8800   60.0822   60.2848   60.4878   60.6912   60.8950

Columns 1037 through 1043

  61.0992   61.3038   61.5088   61.7142   61.9200   62.1262   62.3328

Columns 1044 through 1050

  62.5398   62.7472   62.9550   63.1632   63.3718   63.5808   63.7902

Columns 1051 through 1057

  64.0000   64.2102   64.4208   64.6318   64.8432   65.0550   65.2672

Columns 1058 through 1064

  65.4798   65.6928   65.9062   66.1200   66.3342   66.5488   66.7638

Columns 1065 through 1071

  66.9792   67.1950   67.4112   67.6278   67.8448   68.0622   68.2800

Columns 1072 through 1078

  68.4982   68.7168   68.9358   69.1552   69.3750   69.5952   69.8158

Columns 1079 through 1085

70.0368   70.2582   70.4800   70.7022   70.9248   71.1478   71.3712

Columns 1086 through 1092

  71.5950   71.8192   72.0438   72.2688   72.4942   72.7200   72.9462

Columns 1093 through 1099

  73.1728   73.3998   73.6272   73.8550   74.0832   74.3118   74.5408

Columns 1100 through 1106

  74.7702   75.0000   75.2302   75.4608   75.6918   75.9232   76.1550

Columns 1107 through 1113

  76.3872   76.6198   76.8528   77.0862   77.3200   77.5542   77.7888

Columns 1114 through 1120

  78.0238   78.2592   78.4950   78.7312   78.9678   79.2048   79.4422

Columns 1121 through 1127

  79.6800   79.9182   80.1568   80.3958   80.6352   80.8750   81.1152

Columns 1128 through 1134

  81.3558   81.5968   81.8382   82.0800   82.3222   82.5648   82.8078

Columns 1135 through 1141

  83.0512   83.2950   83.5392   83.7838   84.0288   84.2742   84.5200

Columns 1142 through 1148

  84.7662   85.0128   85.2598   85.5072   85.7550   86.0032   86.2518

Columns 1149 through 1155

  86.5008   86.7502   87.0000   87.2502   87.5008   87.7518   88.0032

Columns 1156 through 1162

  88.2550   88.5072   88.7598   89.0128   89.2662   89.5200   89.7742

Columns 1163 through 1169

  90.0288   90.2838   90.5392   90.7950   91.0512   91.3078   91.5648

Columns 1170 through 1176

  91.8222   92.0800   92.3382   92.5968   92.8558   93.1152   93.3750

```
Columns 1177 through 1183

  93.6352    93.8958    94.1568    94.4182    94.6800    94.9422    95.2048

Columns 1184 through 1190

  95.4678    95.7312    95.9950    96.2592    96.5238    96.7888    97.0542

Columns 1191 through 1197

  97.3200    97.5862    97.8528    98.1198    98.3872    98.6550    98.9232

Columns 1198 through 1201

  99.1918    99.4608    99.7302   100.0000


y =

    64     30     12     10     24     54    100
```
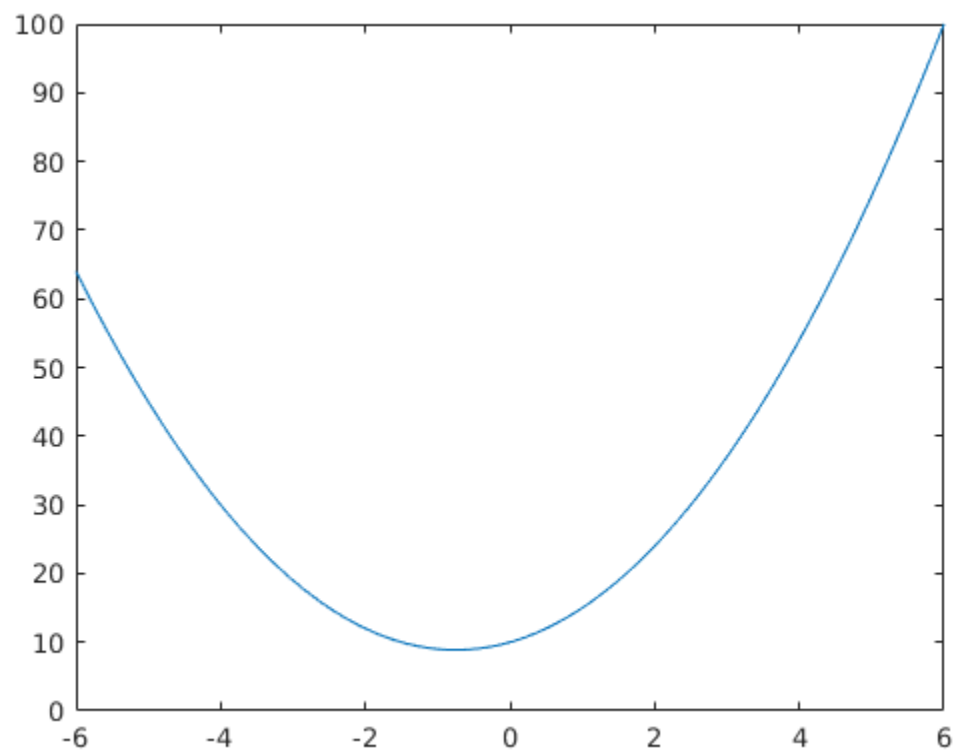

L#nijas izskata mai#a

```
plot(x,y)
% kr#sa
```

```
plot(x,y,'g')
% mar#ieris
plot(x,y,'o')
% l#nijas izskats
plot(x,y,'--')
% visi tr#s kop#
plot(x,y,'--og')
help plot
plot(x,y,'--<w')
plot(x,y,':<w')
plot(x,y,'-gd')
plot(x,y,'-gv')
plot(x,y,'-gs')
plot(x,y,'-bs')
plot(x,y,'-ks')
plot(x,y,':ks')
plot(x,y,'-.ks')
plot(x,y,'ks')
plot(x,y,'ws')
plot(x,y,'w.')
plot(x,y,'-w.')
plot(x,y,'-c.')
plot(x,y,'-r.')
plot(x,y,'-r*')
plot(x,y,'-r^')
close all
my_plot(x2,y2)
close all
% K# z#m#t vair#kas l#knes
plot(x,y,x2,y2)
% ja x ir vien#ds
plot(x,[y' -y'])
plot(x,y,'o',x2,y2)
% citas grafisk#s funkcijas
stem(x,y)
stairs(x,y)
bar(x,y)
```

```
 PLOT   Linear plot.
    PLOT(X,Y) plots vector Y versus vector X. If X or Y is a matrix,
    then the vector is plotted versus the rows or columns of the
matrix,
    whichever line up.  If X is a scalar and Y is a vector,
disconnected
    line objects are created and plotted as discrete points vertically
at
    X.

    PLOT(Y) plots the columns of Y versus their index.
    If Y is complex, PLOT(Y) is equivalent to PLOT(real(Y),imag(Y)).
    In all other uses of PLOT, the imaginary part is ignored.

    Various line types, plot symbols and colors may be obtained with
    PLOT(X,Y,S) where S is a character string made from one element
```

from any or all the following 3 columns:

b	*blue*	*.*	*point*	*–*	*solid*
g	*green*	*o*	*circle*	*:*	*dotted*
r	*red*	*x*	*x-mark*	*-.*	*dashdot*
c	*cyan*	*+*	*plus*	*--*	*dashed*
m	*magenta*	***	*star*	*(none)*	*no line*
y	*yellow*	*s*	*square*		
k	*black*	*d*	*diamond*		
w	*white*	*v*	*triangle (down)*		
		^	*triangle (up)*		
		<	*triangle (left)*		
		>	*triangle (right)*		
		p	*pentagram*		
		h	*hexagram*		

For example, PLOT(X,Y,'c+:') plots a cyan dotted line with a plus
at each data point; PLOT(X,Y,'bd') plots blue diamond at each
data
point but does not draw any line.

PLOT(X1,Y1,S1,X2,Y2,S2,X3,Y3,S3,...) combines the plots defined by
the (X,Y,S) triples, where the X's and Y's are vectors or
matrices
and the S's are strings.

For example, PLOT(X,Y,'y-',X,Y,'go') plots the data twice, with a
solid yellow line interpolating green circles at the data points.

The PLOT command, if no color is specified, makes automatic use of
the colors specified by the axes ColorOrder property. By default,
PLOT cycles through the colors in the ColorOrder property. For
monochrome systems, PLOT cycles over the axes LineStyleOrder
property.

Note that RGB colors in the ColorOrder property may differ from
similarly-named colors in the (X,Y,S) triples. For example, the
second axes ColorOrder property is medium green with RGB [0 .5 0],
while PLOT(X,Y,'g') plots a green line with RGB [0 1 0].

If you do not specify a marker type, PLOT uses no marker.
If you do not specify a line style, PLOT uses a solid line.

PLOT(AX,...) plots into the axes with handle AX.

PLOT returns a column vector of handles to lineseries objects, one
handle per plotted line.

The X,Y pairs, or X,Y,S triples, can be followed by
parameter/value pairs to specify additional properties
of the lines. For example, PLOT(X,Y,'LineWidth',2,'Color',[.6 0
0])
will create a plot with a dark red line width of 2 points.

```
Example
   x = -pi:pi/10:pi;
   y = tan(sin(x)) - sin(tan(x));
   plot(x,y,'--rs','LineWidth',2,...
                   'MarkerEdgeColor','k',...
                   'MarkerFaceColor','g',...
                   'MarkerSize',10)

See also PLOTTOOLS, SEMILOGX, SEMILOGY, LOGLOG, PLOTYY, PLOT3,
GRID,
   TITLE, XLABEL, YLABEL, AXIS, AXES, HOLD, LEGEND, SUBPLOT, SCATTER.

Reference page in Doc Center
   doc plot

Other functions named plot

   alphaShape/plot        digraph/plot         idnlhw/plot
   blm/plot               dspdata/plot         LinearModel/plot
   cfit/plot              empiricalblm/plot    polyshape/plot
   channel/plot           fints/plot           semiconjugateblm/plot
   conjugateblm/plot      graph/plot           sfit/plot
   customblm/plot         iddata/plot          tall/plot
   diffuseblm/plot        idnlarx/plot         timeseries/plot


Undefined function 'my_plot' for input arguments of type 'double'.

Error in lisazu_history (line 56)
my_plot(x2,y2)
```

K# z#m#t vair#kas l#knes - 2 veids

```
plot(x2,y2)
hold on
stairs(x,y)
stem(x,y)
hold off
```

Lisažu figuras z#m#šana

parametriskie grafiki

```
edit
help lisazu
lisazu
lisazu_fun(32,32)
lisazu_fun(25,32)
lisazu_fun(25,42)
lisazu_fun(15,42)
lisazu_fun(25,42)
lisazu_fun(2.,42)
```

```
lisazu_fun(20,42)
lisazu_fun(30,42)
lisazu_fun(25,25)
lisazu_fun(25,35)
lisazu_fun(25,42)
lisazu_fun_anim(25,42)
lisazu_fun_anim(12,21)
lisazu_fun_anim(1,21)
lisazu_fun_anim(35,21)
lisazu_fun_anim(35,15)
lisazu_fun_anim(25,15)
lisazu_fun_anim(15,15)
lisazu_fun_anim(15,1)
lisazu_fun_anim(150,1)
lisazu_fun_anim(10,1)
lisazu_fun_anim(10,10)
lisazu_fun_anim(20,20)
lisazu_fun_anim(22,20)
lisazu_fun_anim(22,32)
lisazu_fun_anim(9,32)
lisazu_fun_anim(7,32)
lisazu_fun_anim(12,32)
lisazu_fun_anim(7,32)
lisazu_fun_anim(7,12)
lisazu_fun_anim(45,12)
lisazu_fun_anim(45,10)
lisazu_fun_anim(45,11)
lisazu_fun_anim(45,15)
lisazu_fun_anim(45,16)
lisazu_fun_anim(45,18)
lisazu_fun_anim(45,19)
lisazu_fun_anim(45,20)
lisazu_fun_anim(42,18)
lisazu_fun_anim(43,18)
lisazu_fun_anim(33,18)
lisazu_fun_anim(35,18)
lisazu_fun_anim(35,42)
lisazu_fun_anim(38,42)
lisazu_fun_anim(31,42)
lisazu_fun_anim(30,42)
lisazu_fun_anim(85,42)
lisazu_fun_anim(85,85)
lisazu_fun_anim(99,1)
lisazu_fun_anim(99,2)
lisazu_fun_anim(99,3)
lisazu_fun_anim(99,5)
lisazu_fun_anim(99,7)
lisazu_fun_anim(99,10)
lisazu_fun_anim(5,99)
lisazu_fun_anim(1,99)
lisazu_fun_anim(9,99)
lisazu_fun_anim(9,90)
lisazu_fun_anim(15,85)
lisazu_fun_anim(15,84)
```

```
lisazu_fun_anim(15,74)
lisazu_fun_anim(15,64)
lisazu_fun_anim(25,64)
lisazu_fun_anim(25,60)
lisazu_fun_anim(25,65)
lisazu_fun_anim(25,66)
lisazu_fun_anim(15,66)
lisazu_fun_anim(22,66)
lisazu_fun_anim(24,66)
lisazu_fun_anim(25,66)
diary off
```

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