

a =

1.0000 + 1.0000i

b =

2.0000 + 3.0000i

theta =

0.7854

rho =

1.4142

Re =

1

Im =

1

bara =

1.0000 - 1.0000i

V =

0      0      0      0

V =

1      0      0      0

V =

1      2      0      0

V =

1 2 3 0

V =

1 2 3 4

V =

1 2 3 4 5

V =

1 2 3 4 5 6

z =

0 0 0 0 0 0 0 0

V =

1.0000 + 1.0000i 2.0000 + 3.0000i 3.0000 + 0.0000i 4.0000 + 0.0000i

transpV =

1.0000 + 1.0000i  
2.0000 + 3.0000i  
3.0000 + 0.0000i  
4.0000 + 0.0000i

S =

6 8 10 12

D =

-4 -4 -4 -4

P =

70

PP =

5 12 21 32

V =

1 3 5 7 9 11 13 15

v =

1 2 3 4 5 6 7 8 9 10 11 12 13 14 ✓  
15

l =

8

maxV =

15

indmax =

8

minV =

1

indmin =

1

ind =

2

A =

1 2 3 4

```
5     6     7     8
9    10    11    12
```

```
ans =
```

```
5     6     7     8
```

```
ans =
```

```
3
7
11
```

```
ans =
```

```
2     3     4
6     7     8
10    11    12
```

```
ans =
```

```
5     7
9    11
```

```
A =
```

```
4     1
-4    1
```

```
ans =
```

```
8
```

```
h =
```

```
5
```

```
ans =
```

```
0.1250    -0.1250
0.5000     0.5000
```

```
ans =
```

```
    4    -4  
    1     1
```

```
A =
```

```
    4     1  
   -4     1
```

```
B =
```

```
    1     2  
    2     1
```

```
ans =
```

```
    5     3  
   -2     2
```

```
ans =
```

```
    6     9  
   -2    -7
```

```
cond1 =
```

```
logical
```

```
1
```

```
cond2 =
```

```
logical
```

```
0
```

```
cond3 =
```

```
logical
```

```
1
```

```
cond4 =  
    logical  
    1
```

```
cond5 =  
    logical  
    0
```

```
cond6 =  
    logical  
    0
```

```
cond5 =  
    logical  
    1
```

```
cond6 =  
    logical  
    1
```

```
x =  
    10
```

```
result =  
    1
```

```
result =  
    3
```

```
result =
```

5

result =

7

result =

9

low =

4

high =

26

Enter a number (1 to 7) to get the day of the week: 6

Friday

z =

Columns 1 through 13

0	0.0100	0.0200	0.0300	0.0400	0.0500	0.0600	0.0699 ✓
0.0799	0.0899	0.0998	0.1098	0.1197			

Columns 14 through 26

0.1296	0.1395	0.1494	0.1593	0.1692	0.1790	0.1889	0.1987 ✓
0.2085	0.2182	0.2280	0.2377	0.2474			

Columns 27 through 39

0.2571	0.2667	0.2764	0.2860	0.2955	0.3051	0.3146	0.3240 ✓
0.3335	0.3429	0.3523	0.3616	0.3709			

Columns 40 through 52

0.3802	0.3894	0.3986	0.4078	0.4169	0.4259	0.4350	0.4439 ✓
0.4529	0.4618	0.4706	0.4794	0.4882			

Columns 53 through 65

0.4969	0.5055	0.5141	0.5227	0.5312	0.5396	0.5480	0.5564 ✓
--------	--------	--------	--------	--------	--------	--------	----------

0.5646    0.5729    0.5810    0.5891    0.5972

Columns 66 through 78

0.6052    0.6131    0.6210    0.6288    0.6365    0.6442    0.6518    0.6594 ✓  
0.6669    0.6743    0.6816    0.6889    0.6961

Columns 79 through 91

0.7033    0.7104    0.7174    0.7243    0.7311    0.7379    0.7446    0.7513 ✓  
0.7578    0.7643    0.7707    0.7771    0.7833

Columns 92 through 104

0.7895    0.7956    0.8016    0.8076    0.8134    0.8192    0.8249    0.8305 ✓  
0.8360    0.8415    0.8468    0.8521    0.8573

Columns 105 through 117

0.8624    0.8674    0.8724    0.8772    0.8820    0.8866    0.8912    0.8957 ✓  
0.9001    0.9044    0.9086    0.9128    0.9168

Columns 118 through 130

0.9208    0.9246    0.9284    0.9320    0.9356    0.9391    0.9425    0.9458 ✓  
0.9490    0.9521    0.9551    0.9580    0.9608

Columns 131 through 143

0.9636    0.9662    0.9687    0.9711    0.9735    0.9757    0.9779    0.9799 ✓  
0.9819    0.9837    0.9854    0.9871    0.9887

Columns 144 through 156

0.9901    0.9915    0.9927    0.9939    0.9949    0.9959    0.9967    0.9975 ✓  
0.9982    0.9987    0.9992    0.9995    0.9998

Columns 157 through 169

0.9999    1.0000    1.0000    0.9998    0.9996    0.9992    0.9988    0.9982 ✓  
0.9976    0.9969    0.9960    0.9951    0.9940

Columns 170 through 182

0.9929    0.9917    0.9903    0.9889    0.9874    0.9857    0.9840    0.9822 ✓  
0.9802    0.9782    0.9761    0.9738    0.9715

Columns 183 through 195

0.9691    0.9666    0.9640    0.9613    0.9585    0.9556    0.9526    0.9495 ✓  
0.9463    0.9430    0.9396    0.9362    0.9326



Columns 196 through 208

0.9290	0.9252	0.9214	0.9174	0.9134	0.9093	0.9051	0.9008 ✓
0.8964	0.8919	0.8874	0.8827	0.8780			

Columns 209 through 221

0.8731	0.8682	0.8632	0.8581	0.8529	0.8477	0.8423	0.8369 ✓
0.8314	0.8258	0.8201	0.8143	0.8085			

Columns 222 through 234

0.8026	0.7966	0.7905	0.7843	0.7781	0.7718	0.7654	0.7589 ✓
0.7523	0.7457	0.7390	0.7322	0.7254			

Columns 235 through 247

0.7185	0.7115	0.7044	0.6973	0.6901	0.6828	0.6755	0.6681 ✓
0.6606	0.6530	0.6454	0.6378	0.6300			

Columns 248 through 260

0.6222	0.6144	0.6065	0.5985	0.5904	0.5823	0.5742	0.5660 ✓
0.5577	0.5494	0.5410	0.5325	0.5240			

Columns 261 through 273

0.5155	0.5069	0.4983	0.4896	0.4808	0.4720	0.4632	0.4543 ✓
0.4454	0.4364	0.4274	0.4183	0.4092			

Columns 274 through 286

0.4001	0.3909	0.3817	0.3724	0.3631	0.3538	0.3444	0.3350 ✓
0.3255	0.3161	0.3066	0.2970	0.2875			

Columns 287 through 299

0.2779	0.2683	0.2586	0.2489	0.2392	0.2295	0.2198	0.2100 ✓
0.2002	0.1904	0.1806	0.1708	0.1609			

Columns 300 through 312

0.1510	0.1411	0.1312	0.1213	0.1114	0.1014	0.0915	0.0815 ✓
0.0715	0.0616	0.0516	0.0416	0.0316			

Columns 313 through 325

0.0216	0.0116	0.0016	-0.0084	-0.0184	-0.0284	-0.0384	-0.0484 ✓
-0.0584	-0.0684	-0.0783	-0.0883	-0.0982			

Columns 326 through 338

-0.1082	-0.1181	-0.1281	-0.1380	-0.1479	-0.1577	-0.1676	-0.1775 ✓
-0.1873	-0.1971	-0.2069	-0.2167	-0.2264			

Columns 339 through 351

-0.2362	-0.2459	-0.2555	-0.2652	-0.2748	-0.2844	-0.2940	-0.3035 ✓
-0.3131	-0.3225	-0.3320	-0.3414	-0.3508			

Columns 352 through 364

-0.3601	-0.3694	-0.3787	-0.3880	-0.3971	-0.4063	-0.4154	-0.4245 ✓
-0.4335	-0.4425	-0.4515	-0.4604	-0.4692			

Columns 365 through 377

-0.4780	-0.4868	-0.4955	-0.5042	-0.5128	-0.5213	-0.5298	-0.5383 ✓
-0.5467	-0.5550	-0.5633	-0.5716	-0.5797			

Columns 378 through 390

-0.5879	-0.5959	-0.6039	-0.6119	-0.6197	-0.6276	-0.6353	-0.6430 ✓
-0.6506	-0.6582	-0.6657	-0.6731	-0.6805			

Columns 391 through 403

-0.6878	-0.6950	-0.7021	-0.7092	-0.7162	-0.7232	-0.7301	-0.7369 ✓
-0.7436	-0.7502	-0.7568	-0.7633	-0.7697			

Columns 404 through 416

-0.7761	-0.7823	-0.7885	-0.7946	-0.8007	-0.8066	-0.8125	-0.8183 ✓
-0.8240	-0.8296	-0.8352	-0.8406	-0.8460			

Columns 417 through 429

-0.8513	-0.8565	-0.8616	-0.8666	-0.8716	-0.8764	-0.8812	-0.8859 ✓
-0.8905	-0.8950	-0.8994	-0.9037	-0.9080			

Columns 430 through 442

-0.9121	-0.9162	-0.9201	-0.9240	-0.9278	-0.9315	-0.9351	-0.9386 ✓
-0.9420	-0.9453	-0.9485	-0.9516	-0.9546			

Columns 443 through 455

-0.9576	-0.9604	-0.9631	-0.9658	-0.9683	-0.9708	-0.9731	-0.9754 ✓
-0.9775	-0.9796	-0.9816	-0.9834	-0.9852			

Columns 456 through 468

-0.9868	-0.9884	-0.9899	-0.9912	-0.9925	-0.9937	-0.9948	-0.9957 ✓
-0.9966	-0.9974	-0.9981	-0.9986	-0.9991			

Columns 469 through 481

-0.9995	-0.9997	-0.9999	-1.0000	-1.0000	-0.9998	-0.9996	-0.9993 ✓
-0.9989	-0.9983	-0.9977	-0.9970	-0.9962			

Columns 482 through 494

-0.9952	-0.9942	-0.9931	-0.9919	-0.9905	-0.9891	-0.9876	-0.9860 ✓
-0.9843	-0.9825	-0.9805	-0.9785	-0.9764			

Columns 495 through 507

-0.9742	-0.9719	-0.9695	-0.9670	-0.9644	-0.9617	-0.9589	-0.9560 ✓
-0.9531	-0.9500	-0.9468	-0.9435	-0.9402			

Columns 508 through 520

-0.9367	-0.9332	-0.9295	-0.9258	-0.9220	-0.9181	-0.9141	-0.9100 ✓
-0.9058	-0.9015	-0.8971	-0.8926	-0.8881			

Columns 521 through 533

-0.8835	-0.8787	-0.8739	-0.8690	-0.8640	-0.8589	-0.8538	-0.8485 ✓
-0.8432	-0.8378	-0.8323	-0.8267	-0.8210			

Columns 534 through 546

-0.8153	-0.8094	-0.8035	-0.7975	-0.7915	-0.7853	-0.7791	-0.7728 ✓
-0.7664	-0.7599	-0.7534	-0.7468	-0.7401			

Columns 547 through 559

-0.7333	-0.7265	-0.7196	-0.7126	-0.7055	-0.6984	-0.6912	-0.6840 ✓
-0.6766	-0.6692	-0.6618	-0.6542	-0.6467			

Columns 560 through 572

-0.6390	-0.6313	-0.6235	-0.6156	-0.6077	-0.5997	-0.5917	-0.5836 ✓
-0.5755	-0.5673	-0.5590	-0.5507	-0.5423			

Columns 573 through 585

-0.5339	-0.5254	-0.5169	-0.5083	-0.4996	-0.4910	-0.4822	-0.4734 ✓
-0.4646	-0.4557	-0.4468	-0.4378	-0.4288			

Columns 586 through 598

-0.4198	-0.4107	-0.4015	-0.3924	-0.3831	-0.3739	-0.3646	-0.3553 ✓
-0.3459	-0.3365	-0.3271	-0.3176	-0.3081			

Columns 599 through 611

-0.2986	-0.2890	-0.2794	-0.2698	-0.2602	-0.2505	-0.2408	-0.2311 ✓
-0.2213	-0.2116	-0.2018	-0.1920	-0.1822			

Columns 612 through 624

-0.1723	-0.1625	-0.1526	-0.1427	-0.1328	-0.1229	-0.1129	-0.1030 ✓
-0.0931	-0.0831	-0.0731	-0.0631	-0.0532			

Columns 625 through 629

-0.0432	-0.0332	-0.0232	-0.0132	-0.0032
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