

----- Matrix a -----

Empty matrix

----- Matrix b -----

0	0	0	0
0	0	0	0
0	0	0	0

----- Matrix c -----

Empty matrix

----- Matrix d -----

Empty matrix

----- Matrix e -----

7	7	7	7	7	7	7	7	7	7
7	7	7	7	7	7	7	7	7	7
7	7	7	7	7	7	7	7	7	7

----- Matrix e -----

1	2
3	4
5	6

----- Matrix g -----

1	2
3	4
5	6

----- Matrix h -----

Empty matrix

----- Matrix a -----

7	9	11
13	15	17

----- Matrix b -----

6	8	10
12	14	16

----- matrix s -----

13	17	21
25	29	33

----- matrix expected ans -----

13	17	21
25	29	33

----- Matrix a -----

1	2	3
4	5	6

----- Matrix b -----

1	2
---	---

----- matrix s -----

Empty matrix

----- matrix expected ans -----

Empty matrix

----- Matrix a -----

1	2	3
---	---	---

----- Matrix b -----

2	1	3
3	3	2

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      4      1      2
----- matrix s -----
    20    10    13
----- matrix expected ans -----
    20    10    13

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----- Matrix a -----
      3      4      2
----- Matrix b -----
    13     9      7    15
     8      7      4      6
     6      4      0      3
----- matrix s -----
    83    63    37    75
----- matrix expected ans -----
    83    63    37    75

```

```

----- Matrix a -----
      3
----- Matrix b -----
     5      2     11
     9      4     14
----- matrix s -----
Empty matrix
----- matrix expected ans -----
Empty matrix

```

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----- Matrix a -----
     3      9      0      2      2      9      5      2
     0      2      2      1      9      6      6      8
     7      5      6      1      4      9      8      9
     3      3      2      9      2      1      7      4
     1      9      0      1      2      9      5      2
     4      2      0      3      7      3      9      1
     5      9      0      6      6      7      8      2
     9      3      4      6      8      4      9      1
----- Matrix b -----
     6      1      6      0      8      3      0      0
     6      8      9      0      6      6      7      2
     4      8      2      0      5      4      6      7
     2      4      4      2      2      6      9      8
     4      8      2      2      4      6      4      1
     1      5      5      6      4      7      5      5
     7      4      6      5      0      6      5      3
     2      3      7      0      1      3      8      5
----- matrix s -----
    132    170    200    87    128    186    175    106
    122    186    166    86     92    182    195    123
    197    235    267   104    179    243    253    178
    128    140    164    63     86    162    194    140

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118	164	184	85	110	174	166	98
138	142	144	83	91	162	137	82
187	222	244	106	160	244	232	141
201	212	210	97	171	230	204	142

----- matrix expected ans -----

132	170	200	87	128	186	175	106
122	186	166	86	92	182	195	123
197	235	267	104	179	243	253	178
128	140	164	63	86	162	194	140
118	164	184	85	110	174	166	98
138	142	144	83	91	162	137	82
187	222	244	106	160	244	232	141
201	212	210	97	171	230	204	142

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----- Matrix a -----

7	3
2	5
6	8
9	0

----- Matrix b -----

8	14	0	3	1
7	11	5	91	3
8	4	19	5	57

----- matrix s -----

Empty matrix

----- matrix expected ans -----

Empty matrix

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