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nikhilar@nikhilar-VirtualBox:~/Documents/ucsc_cpp/objects/intmatrix2$
valgrind --leak-check=full ./a.out
==2840== Memcheck, a memory error detector
==2840== Copyright (C) 2002-2017, and GNU GPL'd, by Julian Seward et
al.
==2840== Using Valgrind-3.13.0 and LibVEX; rerun with -h for copyright
info
==2840== Command: ./a.out
==2840==
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 f
  1    2
  3    4
  5    6

Matrix g
  1    2
  3    4
  5    6

Matrix h
Empty matrix

Matrix g
  1    2
  3    4
  5    6

Matrix h
  1    2
  3    4
  5    6
```

Matrix e

1	2
3	4
5	6

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
4	1	2

Matrix s

20	10	13
----	----	----

matrix expected ans

20	10	13
----	----	----

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

15 6 33
27 12 42

matrix expected ans

15 6 33
27 12 42

Matrix a

5 2 11
9 4 14

Matrix b

3

Matrix s

15 6 33
27 12 42

matrix expected ans

15 6 33
27 12 42

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
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

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

```
-----  
==2840==  
==2840== HEAP SUMMARY:  
==2840==    in use at exit: 0 bytes in 0 blocks  
==2840== total heap usage: 76 allocs, 76 frees, 77,248 bytes  
allocated  
==2840==  
==2840== All heap blocks were freed -- no leaks are possible  
==2840==  
==2840== For counts of detected and suppressed errors, rerun with: -v  
==2840== ERROR SUMMARY: 0 errors from 0 contexts (suppressed: 0 from  
0)
```